

**AMBR**   
**POLYMER**

**Ambrostir**

Ambrostir Sheet

Type 120

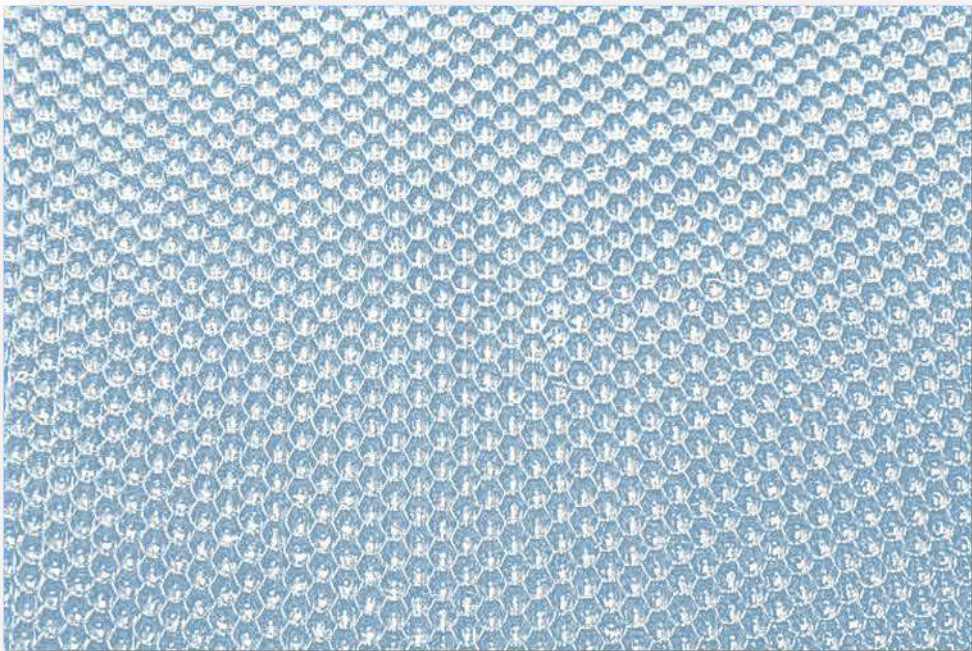


THICKNESS : FROM 2,5 MM. TO 4 MM.

COLOUR : CLEAR - BRONZE

SIZE : maximum width 1250 mm., lenght on request,  
ready cut size or standard 1250 x 2500 mm.

APPLICATION : LIGHTING , FURNITURE, DECORATIVE USE.



| Technical Information Polystyrene sheet Ambrostir |                   |             |            |            |      |
|---------------------------------------------------|-------------------|-------------|------------|------------|------|
| PROPERTY                                          | Measure Unit      | method ASMT | method DIN | metodo ISO | PS   |
| Ultimate Tensile Strenght                         | MPA               | 638         | 53455      | 527/66     | 50   |
| 1% offset yield stress ò s 1                      | %                 | 638         | 53455      | 524/66     | 3    |
| Tensile Modulus Ez                                | MPA               | 790         | 53457      | 178/75     | 3200 |
| IZOD impact strength                              | Kj/m <sup>2</sup> | 256         | -          | 180/61     | 1    |
| VICAT softening temperature B/50                  | °C                | 1525        | 53460      | 306/74     | 98   |
| Heat Distortion Temperature - HDT                 | °C                | 648         | 53461      | 75         | 80   |
| Density                                           | g/cm <sup>3</sup> | 792         | 53479      | 1183       | 1,05 |

# Ambrostir Sheet

Type 13 0

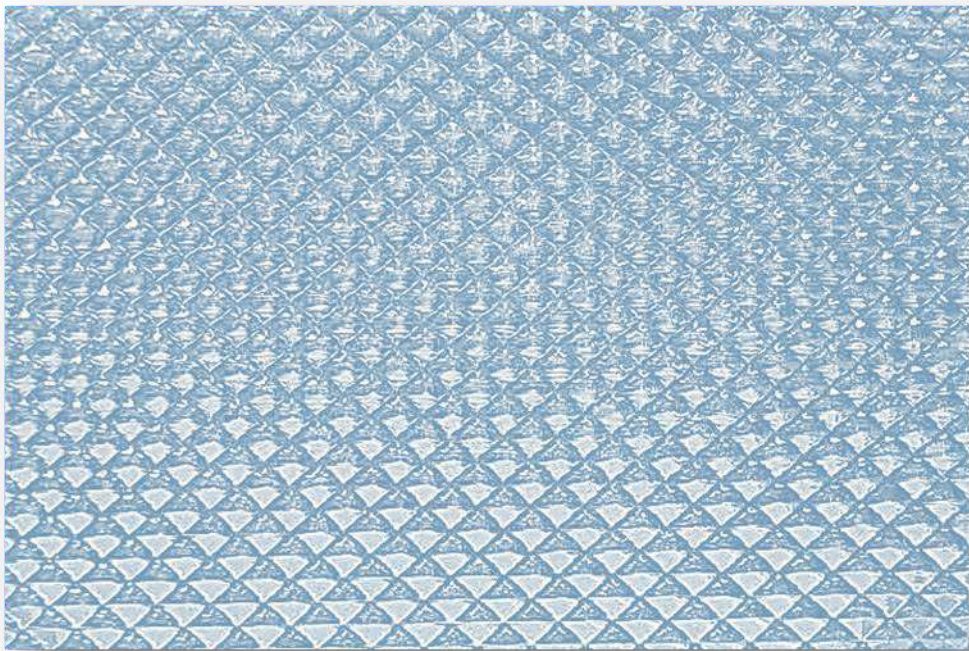
THICKNESS : FROM 2,5 MM. TO 4 MM.

COLOUR : CLEAR - BRONZE

SIZE : maximum width 1250 mm., lenght on request,

Ready cut size or standard 1250 x 2500 mm.

APPLICATION : LIGHTING , DECORATIVE USE, FORNITURE.



| Technical Information Polystyrene |              |             | Sheet Ambrostir |            |      |
|-----------------------------------|--------------|-------------|-----------------|------------|------|
| PROPERTY                          | Measure Unit | method ASMT | method DIN      | metodo ISO | PS   |
| Ultimate Tensile Strenght         | MPA          | 638         | 53455           | 527/66     | 50   |
| 1% offset yield stress ò s 1      | %            | 638         | 53455           | 524/66     | 3    |
| Tensile Modulus Ez                | MPA          | 790         | 53457           | 178/75     | 3200 |
| IZOD impact strenght              | Kj/m²        | 256         | -               | 180/61     | 1    |
| VICAT softening temperature B/50  | °C           | 1525        | 53460           | 306/74     | 98   |
| Heat Distorion Temperature - HDT  | °C           | 648         | 53461           | 75         | 80   |
| Density                           | g/cm³        | 792         | 53479           | 1183       | 1,05 |

# Ambrostir Sheet

Type 14 0

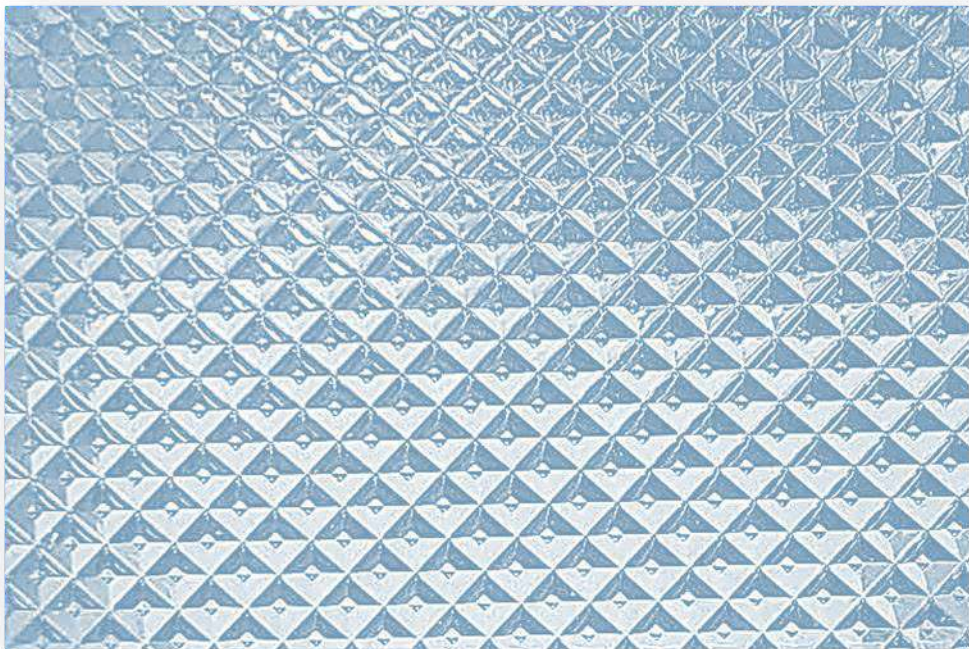


THICKNESS : FROM 2,5 MM. TO 4 MM.

COLOUR : CLEAR - BRONZE

SIZE : maximum width 1250 mm., lenght on request,  
ready cut size or standard 1250 x 2500 mm.

APPLICATIONS : LIGHTING , FURNITURE, DECORATIVE USE.



| Technical Information Polystyrene Sheet Ambrostir |              |             |            |            |      |
|---------------------------------------------------|--------------|-------------|------------|------------|------|
| PROPERTY                                          | Measure Unit | method ASMT | method DIN | metodo ISO | PS   |
| Ultimate Tensile Strenght                         | MPA          | 638         | 53455      | 527/66     | 50   |
| 1% offset yield stress ò s 1                      | %            | 638         | 53455      | 524/66     | 3    |
| Tensile Modulus Ez                                | MPA          | 790         | 53457      | 178/75     | 3200 |
| IZOD impact strength                              | Kj/m²        | 256         | -          | 180/61     | 1    |
| VICAT softening temperature B/50                  | °C           | 1525        | 53460      | 306/74     | 98   |
| Heat Distortion Temperature - HDT                 | °C           | 648         | 53461      | 75         | 80   |
| Density                                           | g/cm³        | 792         | 53479      | 1183       | 1,05 |

Ambrostir Sheet

Type 150 - GPPS

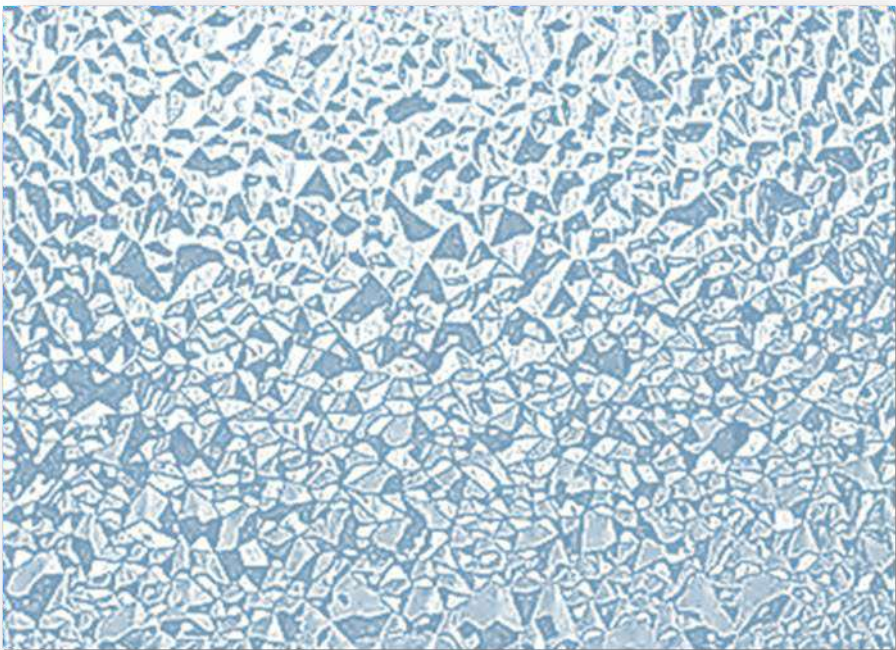


THICKNESS: FROM 2 MM. TO 6 MM.

COLOUR : CLEAR - BRONZE

SIZE : maximum width 1000/1200 mm., lenght on request,  
ready cut size or standard 1000 x 2000 mm.

APPLICATION : LIGHTING, DOOR GLAZING, FURNITURE, DECORATIVE USE.



| Technical Information Polystyrene |              |             |            |            |      |
|-----------------------------------|--------------|-------------|------------|------------|------|
| PROPERTY                          | Measure Unit | method ASMT | method DIN | metodo ISO | PS   |
| Ultimate Tensile Strenght         | MPA          | 638         | 53455      | 527/66     | 50   |
| 1% offset yield stress ò s 1      | %            | 638         | 53455      | 524/66     | 3    |
| Tensile Modulus Ez                | MPA          | 790         | 53457      | 178/75     | 3200 |
| IZOD impact strength              | Kj/m²        | 256         | -          | 180/61     | 1    |
| VICAT softening temperature B/50  | °C           | 1525        | 53460      | 306/74     | 98   |
| Heat Distortion Temperature - HDT | °C           | 648         | 53461      | 75         | 80   |
| Density                           | g/cm³        | 792         | 53479      | 1183       | 1,05 |

Ambrostir Sheet

Type 17 0 - GPPS



THICKNESS : FROM 2 MM. TO 6 MM.

COLOUR : CLEAR - BRONZE

SIZE : maximum width 1000 to 1200 mm., lenght on request,  
ready cut size or standard 1000 x 2000 mm.

APPLICATION : SHOWER SCREENS, LIGHTING, FORNITURE, DECORATIVE USE.



| Technical Information Polystyrene sheet Ambrostir |              |             |            |            |      |
|---------------------------------------------------|--------------|-------------|------------|------------|------|
| PROPERTY                                          | Measure Unit | method ASMT | method DIN | metodo ISO | PS   |
| Ultimate Tensile Strenght                         | MPA          | 638         | 53455      | 527/66     | 50   |
| 1% offset yield stress ò s 1                      | %            | 638         | 53455      | 524/66     | 3    |
| Tensile Modulus Ez                                | MPA          | 790         | 53457      | 178/75     | 3200 |
| IZOD impact strenght                              | Kj/m²        | 256         | -          | 180/61     | 1    |
| VICAT softening temperature B/50                  | °C           | 1525        | 53460      | 306/74     | 98   |
| Heat Distorion Temperature - HDT                  | °C           | 648         | 53461      | 75         | 80   |
| Density                                           | g/cm³        | 792         | 53479      | 1183       | 1,05 |

Ambrostir Sheet

Type 19 0 - GPPS

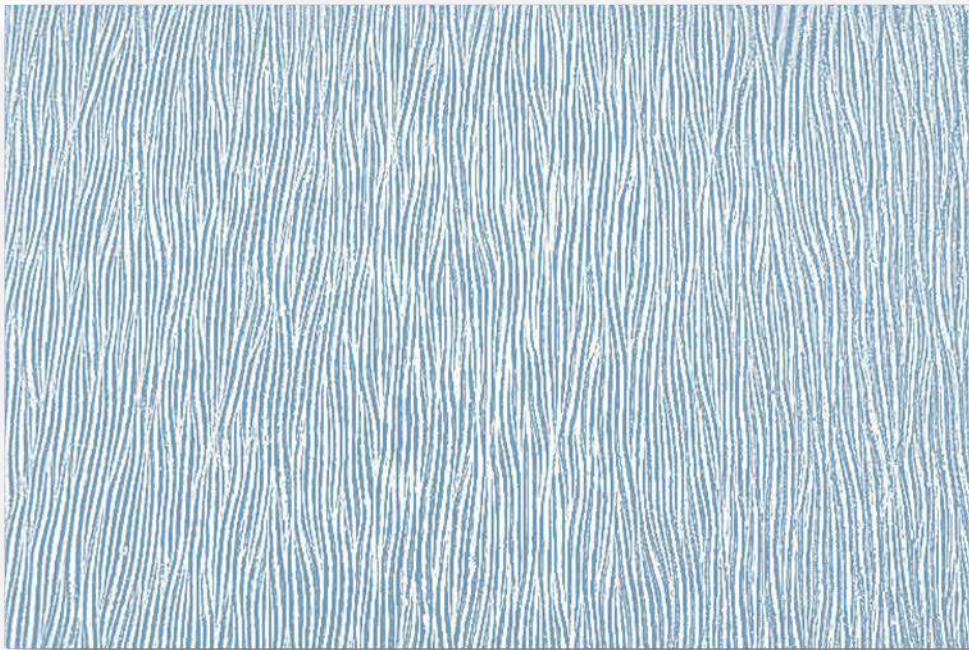


THICKNESS : FROM 2 MM. TO 6 MM.

COLOUR : CLEAR - BRONZE

SIZE : maximum width 1000/1200 mm., lenght on request,  
ready cut size or standard 1000 x 2000 mm.

APPLICATION : SHOWER CABIN SCREENS, FURNITURE, DECORATIVE USE.



| Technical Information Polystyrene sheet Ambrostir |              |             |            |            |      |
|---------------------------------------------------|--------------|-------------|------------|------------|------|
| PROPERTY                                          | Measure Unit | method ASMT | method DIN | metodo ISO | PS   |
| Ultimate Tensile Strenght                         | MPA          | 638         | 53455      | 527/66     | 50   |
| 1% offset yield stress ò s 1                      | %            | 638         | 53455      | 524/66     | 3    |
| Tensile Modulus Ez                                | MPA          | 790         | 53457      | 178/75     | 3200 |
| IZOD impact strength                              | Kj/m²        | 256         | -          | 180/61     | 1    |
| VICAT softening temperature B/50                  | °C           | 1525        | 53460      | 306/74     | 98   |
| Heat Distortion Temperature - HDT                 | °C           | 648         | 53461      | 75         | 80   |
| Density                                           | g/cm³        | 792         | 53479      | 1183       | 1,05 |

Ambrostir Sheet

Type 24 0 - GPPS



THICKNESS: FROM 2 MM. TO 4 MM.

COLOUR : CLEAR - BRONZE

SIZE : maximum width 1000/1200 mm., lenght on request,  
ready cut size or standard 1000 x 2000 mm.

APPLICATION: SHOWER CABIN SCREENS, DOOR GLAZING, DECORATIVE USE.



| Technical Information Polystyrene sheet Ambrostir |              |             |            |            |      |
|---------------------------------------------------|--------------|-------------|------------|------------|------|
| PROPERTY                                          | Measure Unit | method ASMT | method DIN | metodo ISO | PS   |
| Ultimate Tensile Strenght                         | MPA          | 638         | 53455      | 527/66     | 50   |
| 1% offset yield stress ò s 1                      | %            | 638         | 53455      | 524/66     | 3    |
| Tensile Modulus Ez                                | MPA          | 790         | 53457      | 178/75     | 3200 |
| IZOD impact strength                              | Kj/m²        | 256         | -          | 180/61     | 1    |
| VICAT softening temperature B/50                  | °C           | 1525        | 53460      | 306/74     | 98   |
| Heat Distortion Temperature - HDT                 | °C           | 648         | 53461      | 75         | 80   |
| Density                                           | g/cm³        | 792         | 53479      | 1183       | 1,05 |

Ambrostir Sheet

Type 27 0 - GPPS

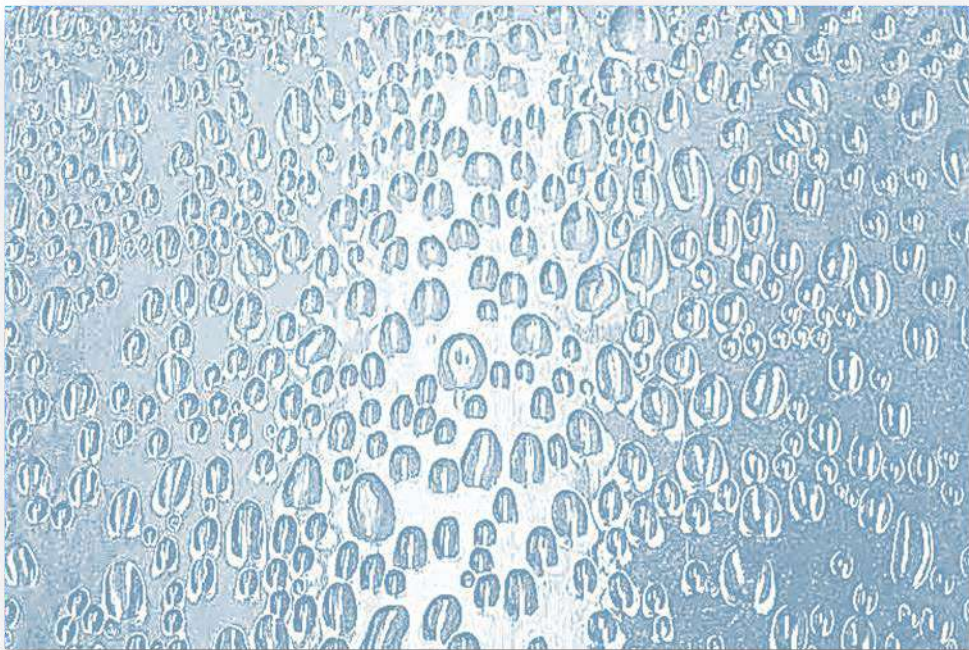


THICKNESS : FROM 2 MM. TO 4 MM.

COLOUR : CLEAR - BRONZE

SIZE : maximum width 1000/1200 mm., lenght on request,  
ready cut size or standard 1000 x 2000 mm.

APPLICATION : SHOWER CABINS SCREENS, DECORATIVE USE.



| Technical Information Polystyrene sheet Ambrostir |              |             |            |            |      |
|---------------------------------------------------|--------------|-------------|------------|------------|------|
| PROPERTY                                          | Measure Unit | method ASMT | method DIN | metodo ISO | PS   |
| Ultimate Tensile Strenght                         | MPA          | 638         | 53455      | 527/66     | 50   |
| 1% offset yield stress ò s 1                      | %            | 638         | 53455      | 524/66     | 3    |
| Tensile Modulus Ez                                | MPA          | 790         | 53457      | 178/75     | 3200 |
| IZOD impact strenght                              | Kj/m²        | 256         | -          | 180/61     | 1    |
| VICAT softening temperature B/50                  | °C           | 1525        | 53460      | 306/74     | 98   |
| Heat Distorion Temperature - HDT                  | °C           | 648         | 53461      | 75         | 80   |
| Density                                           | g/cm³        | 792         | 53479      | 1183       | 1,05 |

Ambrostir Sheet

Type 29 0 - GPPS

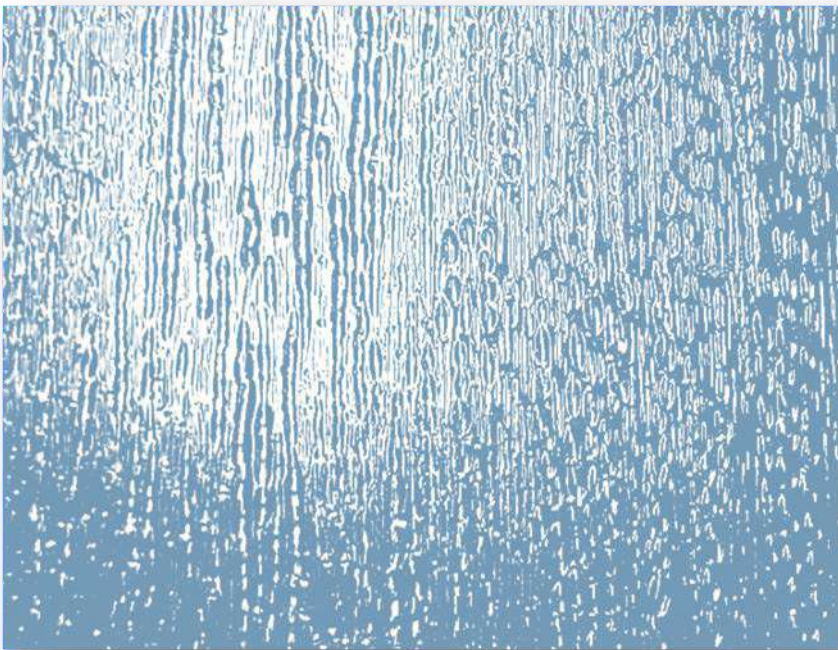


THICKNESS : FROM 2 MM. TO 4 MM.

COLOUR : CLEAR - BRONZE

SIZE : maximum width 1000/1200 mm., lenght on request,  
ready cut size or standard 1000x 2000 mm.

APPLICATIONS : SHOWER CABIN SCREENS, FURNITURE, DECORATIVE USE.



| Technical Information Polystyrene |              |             | Sheet Ambrostir |            |      |
|-----------------------------------|--------------|-------------|-----------------|------------|------|
| PROPERTY                          | Measure Unit | method ASMT | method DIN      | metodo ISO | PS   |
| Ultimate Tensile Strenght         | MPA          | 638         | 53455           | 527/66     | 50   |
| 1% offset yield stress ò s 1      | %            | 638         | 53455           | 524/66     | 3    |
| Tensile Modulus Ez                | MPA          | 790         | 53457           | 178/75     | 3200 |
| IZOD impact strength              | Kj/m²        | 256         | -               | 180/61     | 1    |
| VICAT softening temperature B/50  | °C           | 1525        | 53460           | 306/74     | 98   |
| Heat Distortion Temperature - HDT | °C           | 648         | 53461           | 75         | 80   |
| Density                           | g/cm³        | 792         | 53479           | 1183       | 1,05 |

Ambrostir Sheet

Type 31 0 – GPPS

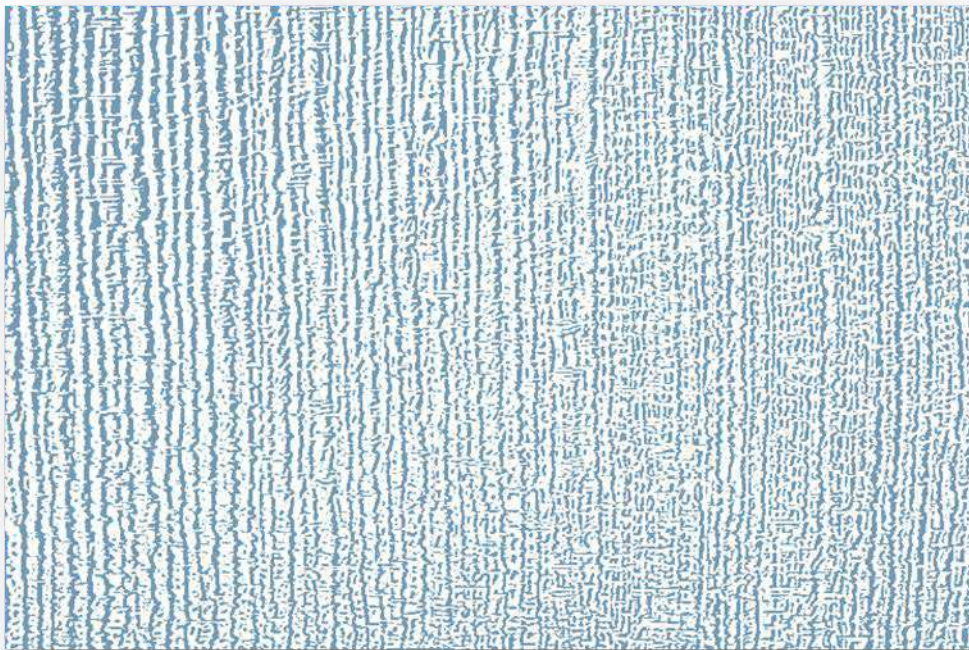


THICKNESS : FROM 2 MM. TO 4 MM.

COLOUR : CLEAR - BRONZE

SIZE : maximum width 1000/1200 mm., lenght on request,  
ready cut size or standard 1000 x 2000 mm.

APPLICATIONS : SHOWER CABIN SCREENS, FURNITURE, DECORATIVE USE.



| Technical Information Polystyrene |              |             | Sheet Ambrostir |            |      |
|-----------------------------------|--------------|-------------|-----------------|------------|------|
| PROPERTY                          | Measure Unit | method ASMT | method DIN      | metodo ISO | PS   |
| Ultimate Tensile Strenght         | MPA          | 638         | 53455           | 527/66     | 50   |
| 1% offset yield stress ò s 1      | %            | 638         | 53455           | 524/66     | 3    |
| Tensile Modulus Ez                | MPA          | 790         | 53457           | 178/75     | 3200 |
| IZOD impact strength              | Kj/m²        | 256         | -               | 180/61     | 1    |
| VICAT softening temperature B/50  | °C           | 1525        | 53460           | 306/74     | 98   |
| Heat Distortion Temperature - HDT | °C           | 648         | 53461           | 75         | 80   |
| Density                           | g/cm³        | 792         | 53479           | 1183       | 1,05 |

Ambrostir Sheet

Type 33 0 - GPPS



THICKNESS : FROM 1,8 MM. TO 4 MM.

COLOUR : CLEAR - BRONZE

SIZE : maximum width 1000/1200 mm., lenght on request,  
ready cut size or a standard 1000 x 2000 mm.

APPLICATIONS :SHOWER CABIN SCREENS, FURNITURE, DECORATIVE USE.



| Technical Information P<br>olystyrene Sheet Ambrostir |                 |             |            |            |           |
|-------------------------------------------------------|-----------------|-------------|------------|------------|-----------|
| PROPERTY                                              | unità di misura | metodo ASMT | metodo DIN | metodo ISO | PS valori |
| Ultimate Tensile Strenght                             | MPA             | 638         | 53455      | 527/66     | 50        |
| 1% offset yield stress ò s 1                          | %               | 638         | 53455      | 524/66     | 3         |
| Tensile Modulus Ez                                    | MPA             | 790         | 53457      | 178/75     | 3200      |
| IZOD impact strength                                  | Kj/m²           | 256         | -          | 180/61     | 1         |
| VICAT softening temperature B/50                      | °C              | 1525        | 53460      | 306/74     | 98        |
| Heat Distortion Temperature - HDT                     | °C              | 648         | 53461      | 75         | 80        |
| Density                                               | g/cm³           | 792         | 53479      | 1183       | 1,05      |

Ambrostir Sheet

Type 34 0 - GPPS



THICKNESS : FROM 2 MM. TO 6 MM.

COLOUR : CLEAR - BRONZE

SIZES : maximum width 1000/1200 mm., lenght on request,  
ready cut size or standard 1000 x 2000 mm.

APPLICATIONS : SHOWER CABIN SCREENS, DECORATIVE USE.



| Technical Information Polystyrene |              |             | Sheet Ambrostir |            |      |
|-----------------------------------|--------------|-------------|-----------------|------------|------|
| PROPERTY                          | Measure Unit | method ASMT | method DIN      | metodo ISO | PS   |
| Ultimate Tensile Strenght         | MPA          | 638         | 53455           | 527/66     | 50   |
| 1% offset yield stress ò s 1      | %            | 638         | 53455           | 524/66     | 3    |
| Tensile Modulus Ez                | MPA          | 790         | 53457           | 178/75     | 3200 |
| IZOD impact strength              | Kj/m²        | 256         | -               | 180/61     | 1    |
| VICAT softening temperature B/50  | °C           | 1525        | 53460           | 306/74     | 98   |
| Heat Distortion Temperature - HDT | °C           | 648         | 53461           | 75         | 80   |
| Density                           | g/cm³        | 792         | 53479           | 1183       | 1,05 |

# Ambrostir Sheet

Type 350

THICKNESS : FROM 2,0 MM. TO 5,0 MM.

COLOUR : CLEAR - BRONZE

SIZE : maximum width 1250 mm., lenght on request,

Ready cut size or standard 1250 x 2500 mm.

APPLICATION : SHOWER CABINS SCREENS , DECORATIVE USE, FORNITURE.



| Technical Information Polystyrene |              |             | Sheet Ambrostir |            |      |
|-----------------------------------|--------------|-------------|-----------------|------------|------|
| PROPERTY                          | Measure Unit | method ASMT | method DIN      | metodo ISO | PS   |
| Ultimate Tensile Strenght         | MPA          | 638         | 53455           | 527/66     | 50   |
| 1% offset yield stress ò s 1      | %            | 638         | 53455           | 524/66     | 3    |
| Tensile Modulus Ez                | MPA          | 790         | 53457           | 178/75     | 3200 |
| IZOD impact strenght              | Kj/m²        | 256         | -               | 180/61     | 1    |
| VICAT softening temperature B/50  | °C           | 1525        | 53460           | 306/74     | 98   |
| Heat Distorion Temperature - HDT  | °C           | 648         | 53461           | 75         | 80   |
| Density                           | g/cm³        | 792         | 53479           | 1183       | 1,05 |

Ambrostir Sheet

Type 36 0 - GPPS

THICKNRSS : FROM 1,8 MM. TO 4 MM.

COLOUR : CLEAR - BRONZE

SIZES : maximum width 1000/1200 mm., lenght on request,  
ready cut size or standard 1000 x 2000 mm.

APPLICATIONS : SHOWER CABIN SCREENS, FURNITURE, DECORATIVE USE.



| Technical Information Polystyrene Sheet Ambrostir |              |             |            |            |      |
|---------------------------------------------------|--------------|-------------|------------|------------|------|
| PROPERTY                                          | Measure Unit | method ASMT | method DIN | metodo ISO | PS   |
| Ultimate Tensile Strenght                         | MPA          | 638         | 53455      | 527/66     | 50   |
| 1% offset yield stress ò s 1                      | %            | 638         | 53455      | 524/66     | 3    |
| Tensile Modulus Ez                                | MPA          | 790         | 53457      | 178/75     | 3200 |
| IZOD impact strength                              | Kj/m²        | 256         | -          | 180/61     | 1    |
| VICAT softening temperature B/50                  | °C           | 1525        | 53460      | 306/74     | 98   |
| Heat Distortion Temperature - HDT                 | °C           | 648         | 53461      | 75         | 80   |
| Density                                           | g/cm³        | 792         | 53479      | 1183       | 1,05 |

# Ambrostir Sheet

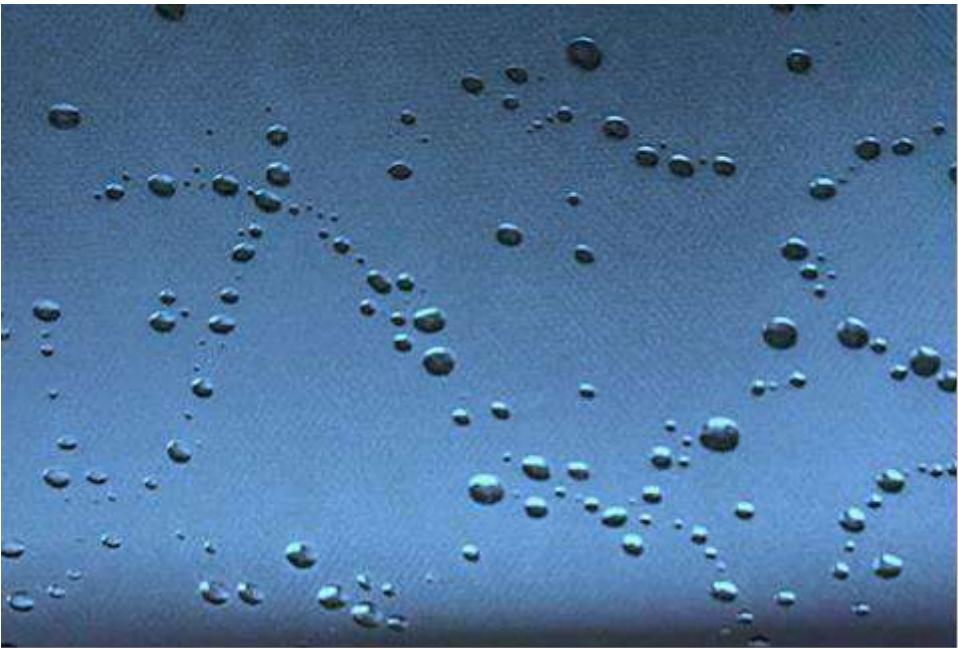
Type 39 0 - GPPS

THICKNESS : FROM 1,8 MM. TO 4 MM.

COLOUR : CLEAR - BRONZE

SIZES : maximum width 1000/1200 mm., lenght on request,  
ready cut size or standard 1000 x 2000 mm.

APPLICATIONS : SHOWER CABIN SCREENS, FURNITURE, DECORATIVE USE.



| Techni cal Information Polystyrene Sheet Ambrostir |              |             |            |            |      |
|----------------------------------------------------|--------------|-------------|------------|------------|------|
| PROPERTY                                           | Measure Unit | method ASMT | method DIN | metodo ISO | PS   |
| Ultimate Tensile Strenght                          | MPA          | 638         | 53455      | 527/66     | 50   |
| 1% offset yield stress ò s 1                       | %            | 638         | 53455      | 524/66     | 3    |
| Tensile Modulus Ez                                 | MPA          | 790         | 53457      | 178/75     | 3200 |
| IZOD impact strength                               | Kj/m²        | 256         | -          | 180/61     | 1    |
| VICAT softening temperature B/50                   | °C           | 1525        | 53460      | 306/74     | 98   |
| Heat Distortion Temperature - HDT                  | °C           | 648         | 53461      | 75         | 80   |
| Density                                            | g/cm³        | 792         | 53479      | 1183       | 1,05 |

# Ambrostir Sheet

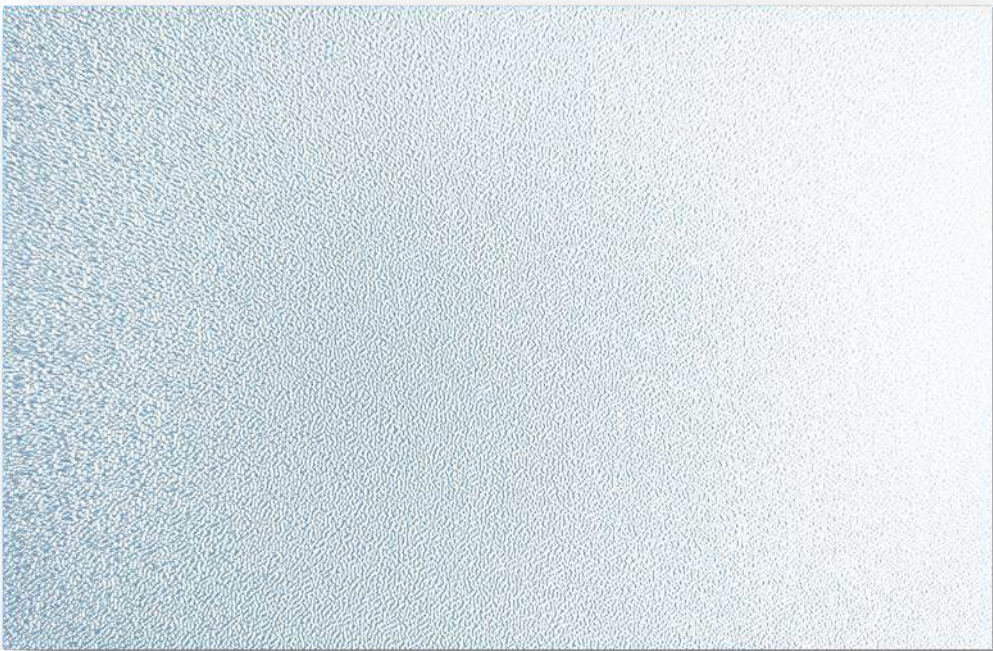
Type 41 0 - GPPS

THICKNESS : FROM 1,8 MM. TO 4 MM.

COLOUR : CLEAR - BRONZE

SIZES : maximum width 1000/1200 mm., lenght on request,  
ready cut size or standard 1000 x 2000 mm.

APPLICATIONS : SHOWER CABINS SCREENS, LIGHTING, FORNITURE, DECORATIVE USE.



| Techni cal Information Polystyrene Sheet Ambrostir |              |             |            |            |      |
|----------------------------------------------------|--------------|-------------|------------|------------|------|
| PROPERTY                                           | Measure Unit | method ASMT | method DIN | metodo ISO | PS   |
| Ultimate Tensile Strenght                          | MPA          | 638         | 53455      | 527/66     | 50   |
| 1% offset yield stress ò s 1                       | %            | 638         | 53455      | 524/66     | 3    |
| Tensile Modulus Ez                                 | MPA          | 790         | 53457      | 178/75     | 3200 |
| IZOD impact strenght                               | Kj/m²        | 256         | -          | 180/61     | 1    |
| VICAT softening temperature B/50                   | °C           | 1525        | 53460      | 306/74     | 98   |
| Heat Distorion Temperature - HDT                   | °C           | 648         | 53461      | 75         | 80   |
| Density                                            | g/cm³        | 792         | 53479      | 1183       | 1,05 |



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