

AMBR 

POLYMER

Ambrocryl

Ambrocryl Sheet

Type 120 XT PMMA

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 Acrylic Sheet Ambrocryl					
PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA
Ultimate Tensile Strenght	MPA	638	53455	527/66	70
1% offset yield stress σ_s	%	638	53455	527/66	5
Tensile Modulus Ez	MPA	790	53457	178/75	3200
IZOD impact strength	Kj/m ²	256	-	180/61	1,2
VICAT softening temperature B/50	°C	1525	53460	306/74	108
Heat Distortion Temperature - HDT	°C	648	53461	75	100
Density	g/cm ³	792	53479	1183	1,18

Ambrocryl Sheet

Type 13 0 XT PMMA

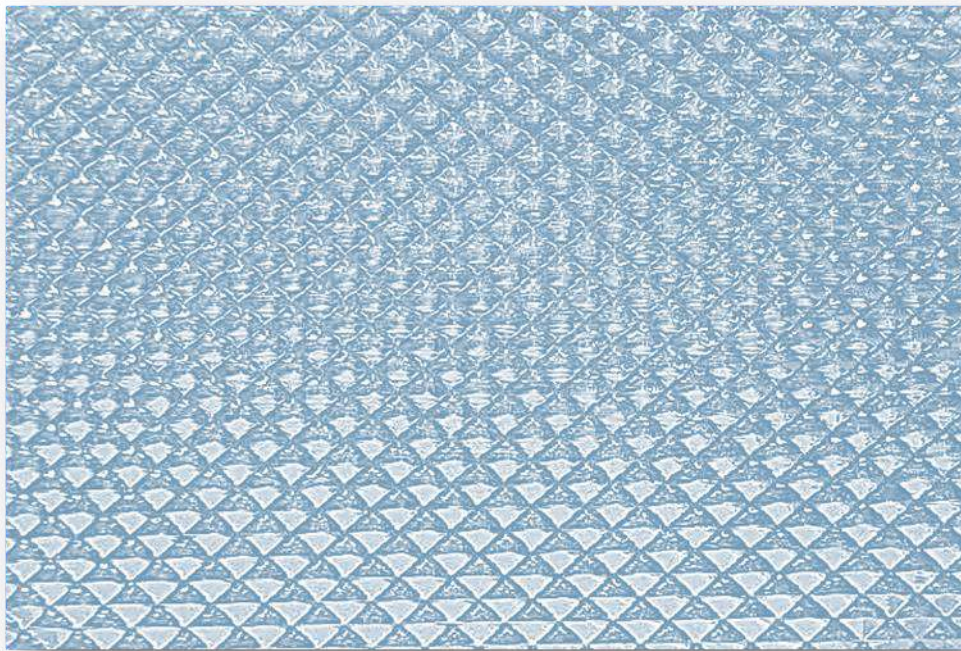
THICKNESS : FROM 2,5 MM. TO 4 MM.

COLOUR : CLEAR - BRONZE

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

Ready cut size or standard 1250 x 2500 mm.

APPLICATION : LIGHTING , DECORATIVE USE, FURNITURE.



Technical Information Acrylic Sheet Ambrocryl					
PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA
Ultimate Tensile Strength	MPA	638	53455	527/66	70
1% offset yield stress σ_s	%	638	53455	527/66	5
Tensile Modulus E_z	MPA	790	53457	178/75	3200
IZOD impact strength	Kj/m ²	256	-	180/61	1,2
VICAT softening temperature B/50	°C	1525	53460	306/74	108
Heat Distortion Temperature - HDT	°C	648	53461	75	100
Density	g/cm ³	792	53479	1183	1,18

Ambrocryl Sheet

Type 14 0 XT PMMA

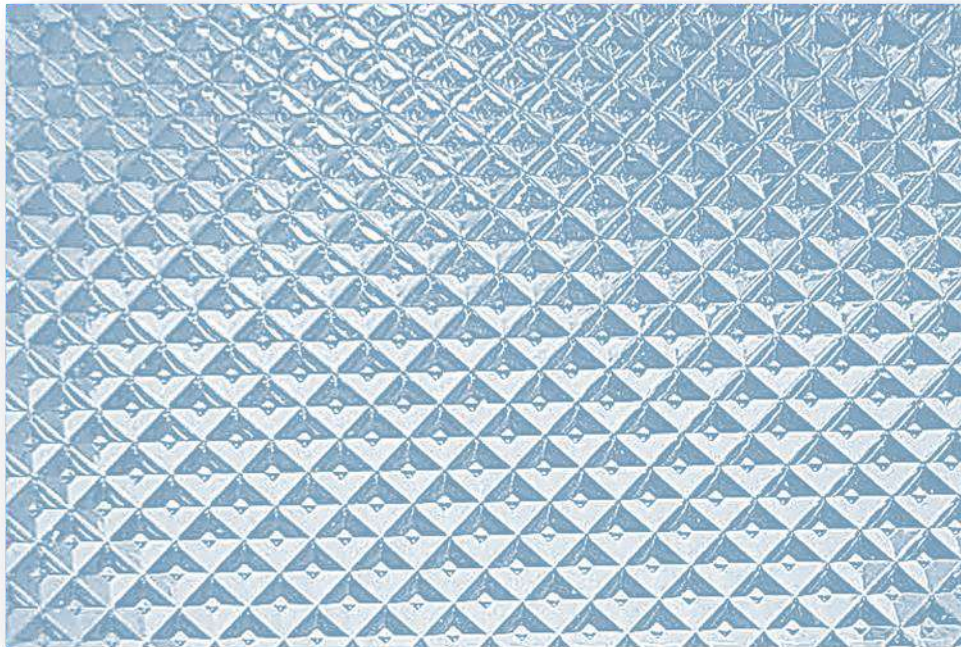
THICKNESS : FROM 2,5 MM. TO 5 MM.

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.

AMBR 
POLYMER



Technical Information Acrilic Sheet Ambrocryl					
PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA
Ultimate Tensile Strenght	MPA	638	53455	527/66	70
1% offset yield stress δ_s	%	638	53455	527/66	5
Tensile Modulus Ez	MPA	790	53457	178/75	3200
IZOD impact strength	Kj/m ²	256	-	180/61	1,2
VICAT softening temperature B/50	°C	1525	53460	306/74	108
Heat Distortion Temperature - HDT	°C	648	53461	75	100
Density	g/cm ³	792	53479	1183	1,18

Ambrocryl Sheet

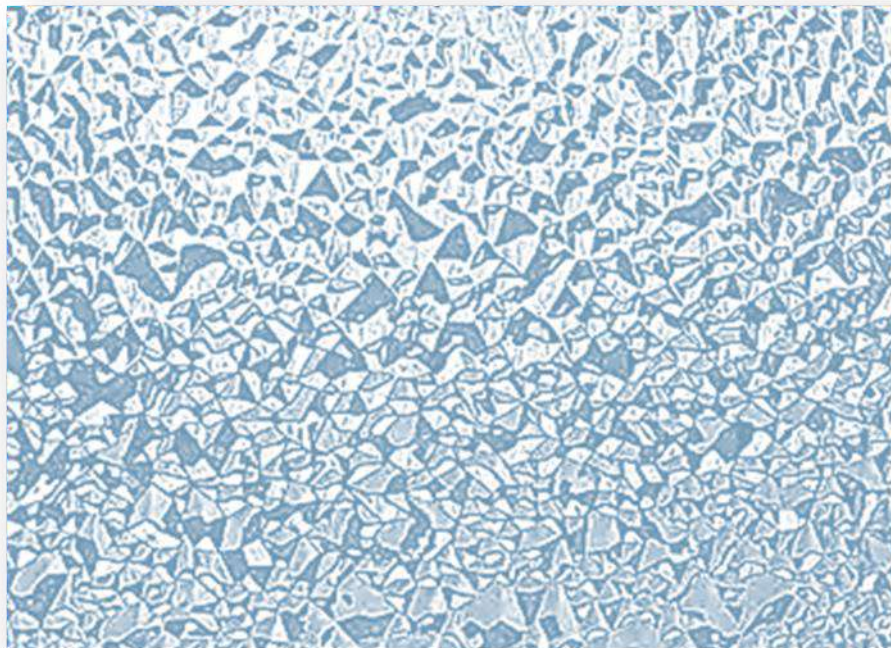
Type 150 – XT PMMA

THICKNESS: FROM 2 MM. TO 6 MM.

COLOUR : CLEAR - BRONZE

SIZE : maximum width 1500 mm., length on request,
ready cut size or standard 1500 x 3000 mm.

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



Technical Information Acrylic Sheet Ambrocryl					
PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA
Ultimate Tensile Strength	MPA	638	53455	527/66	70
1% offset yield stress σ_s	%	638	53455	527/66	5
Tensile Modulus E_z	MPA	790	53457	178/75	3200
IZOD impact strength	Kj/m ²	256	-	180/61	1,2
VICAT softening temperature B/50	°C	1525	53460	306/74	108
Heat Distortion Temperature - HDT	°C	648	53461	75	100
Density	g/cm ³	792	53479	1183	1,18

Ambrocryl Sheet

Type 17 0 – XT PMMA

THICKNESS : FROM 2 MM. TO 6 MM.

COLOUR : CLEAR - BRONZE

SIZE : maximum width 1480 to 1200 mm., lenght on request,
ready cut size or standard 1480 x 3000 mm.

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



Technical Information Acrylic Sheet Ambrocryl					
PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA
Ultimate Tensile Strenght	MPA	638	53455	527/66	70
1% offset yield stress σ_s	%	638	53455	527/66	5
Tensile Modulus Ez	MPA	790	53457	178/75	3200
IZOD impact strength	Kj/m ²	256	-	180/61	1,2
VICAT softening temperature B/50	°C	1525	53460	306/74	108
Heat Distortion Temperature - HDT	°C	648	53461	75	100
Density	g/cm ³	792	53479	1183	1,18

Ambroster Sheet

Type 19 0 – XT PMMA

THICKNESS : FROM 2 MM. TO 6 MM.

COLOUR : CLEAR – BRONZE – ON REQUEST

SIZE : maximum width 1200 mm., length on request,
ready cut size or standard 1200 x 2500 mm.

APPLICATION : SHOWER CABIN SCREEN , FURNITURE, DECORATIVE USE.



Technical Information Acrylic Sheet Ambrocril					
PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA
Ultimate Tensile Strength	MPA	638	53455	527/66	70
1% offset yield stress σ_s	%	638	53455	527/66	5
Tensile Modulus Ez	MPA	790	53457	178/75	3200
IZOD impact strength	Kj/m ²	256	-	180/61	1,2
VICAT softening temperature B/50	°C	1525	53460	306/74	108
Heat Distortion Temperature - HDT	°C	648	53461	75	100
Density	g/cm ³	792	53479	1183	1,18

Ambrocryl Sheet

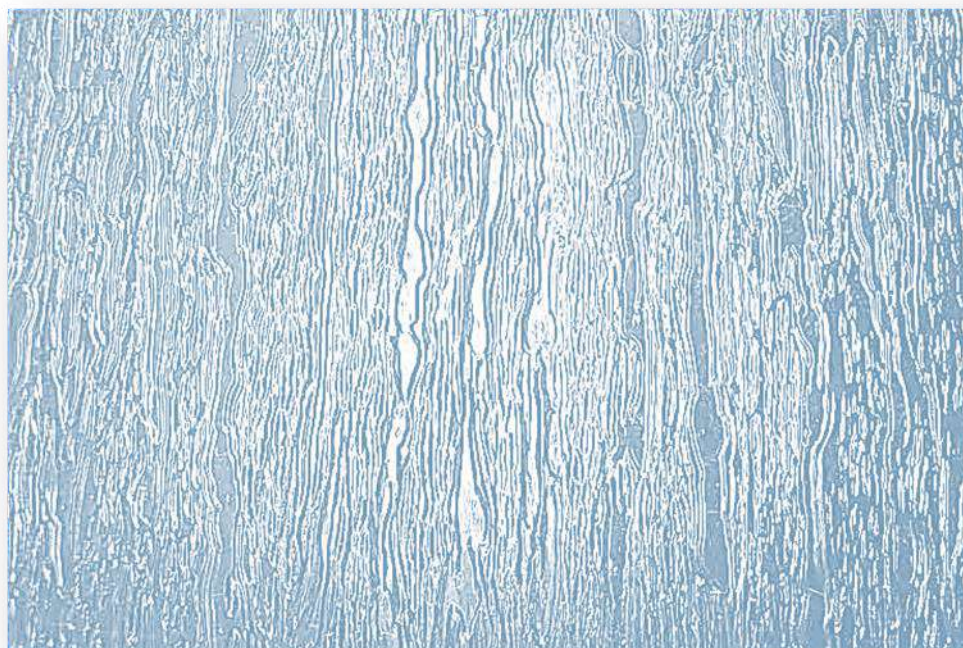
Type 24 0 /220 XT PMMA

THICKNESS: FROM 2 MM. TO 8 MM.

COLOUR : CLEAR - BRONZE

SIZE : maximum width 1500 mm., lenght on request,
ready cut size or standard 1500 x 3000 mm.

APPLICATION: DOOR GLAZING , DECORATIVE USE.



Technical Information Acrilic Sheet Ambrocryl					
PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA
Ultimate Tensile Strenght	MPA	638	53455	527/66	70
1% offset yield stress δ_s	%	638	53455	527/66	5
Tensile Modulus Ez	MPA	790	53457	178/75	3200
IZOD impact strength	Kj/m ²	256	-	180/61	1,2
VICAT softening temperature B/50	°C	1525	53460	306/74	108
Heat Distortion Temperature - HDT	°C	648	53461	75	100
Density	g/cm ³	792	53479	1183	1,18

Ambrocryl Sheet

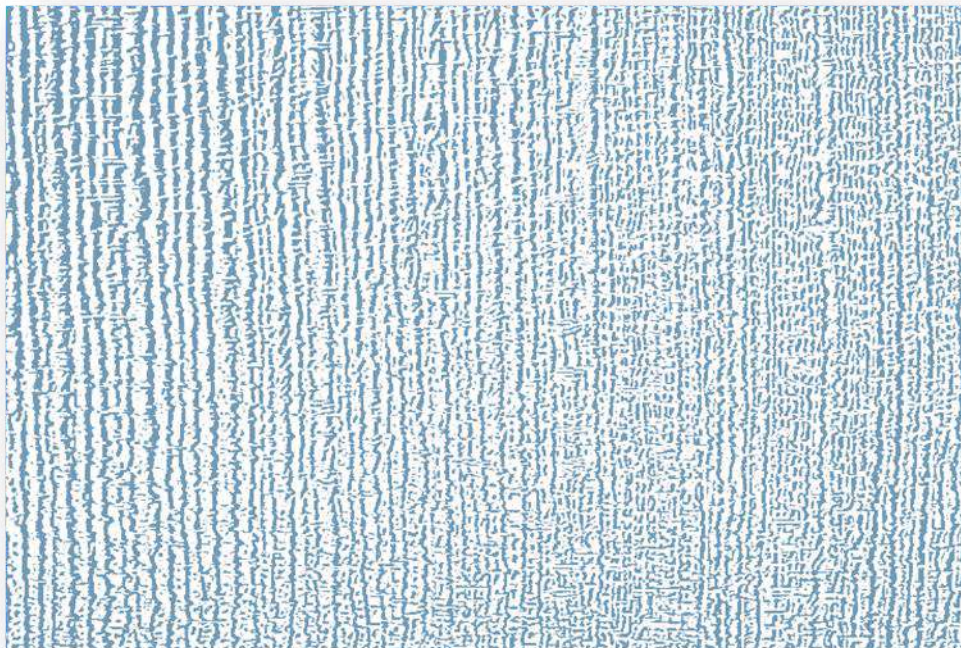
Type 31 0 – XT PMMA

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

COLOUR : CLEAR - BRONZE

SIZE : maximum width 1250 mm., lenght on request,
ready cut size or standard 1250x 2000 mm.

APPLICATIONS : SHOWER CABIN SCREENS, DOOR GLAZING , FURNITURE, DECORATIVE USE.



Technical Information Acrylic Sheet Ambrocryl					
PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA
Ultimate Tensile Strenght	MPA	638	53455	527/66	70
1% offset yield stress δ_s 1	%	638	53455	527/66	5
Tensile Modulus Ez	MPA	790	53457	178/75	3200
IZOD impact strength	Kj/m ²	256	-	180/61	1,2
VICAT softening temperature B/50	°C	1525	53460	306/74	108
Heat Distortion Temperature - HDT	°C	648	53461	75	100
Density	g/cm ³	792	53479	1183	1,18

Ambrocryl Sheet

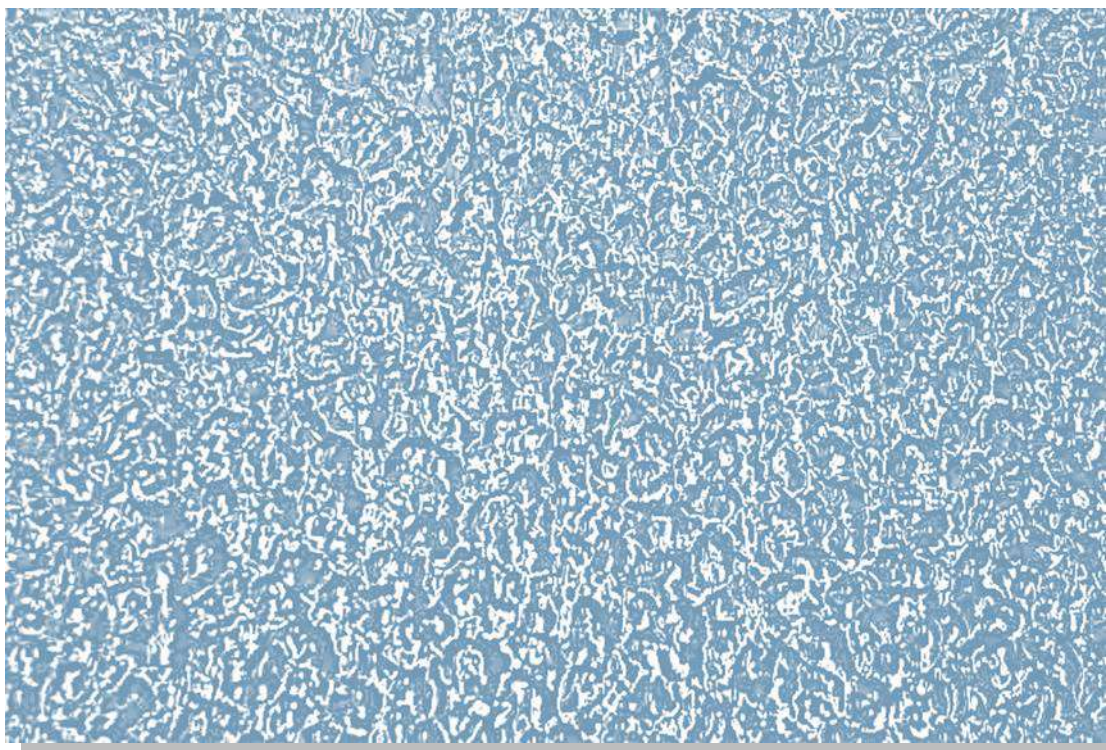
Type 32 0 – XT PMMA

THICKNESS : FROM 3 MM. TO 8 MM.

COLOUR : CLEAR – BRONZE – ON REQUEST

SIZE : maximum width 1450 mm., length on request,
ready cut size or standard 1450 x 3000 mm.

APPLICATION : LIGHTING, DOOR GLAZING, DECORATIVE USE.



Technical Information Acrylic Sheet Ambrocryl					
PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA
Ultimate Tensile Strength	MPA	638	53455	527/66	70
1% offset yield stress σ_s	%	638	53455	527/66	5
Tensile Modulus E_z	MPA	790	53457	178/75	3200
IZOD impact strength	Kj/m ²	256	-	180/61	1,2
VICAT softening temperature B/50	°C	1525	53460	306/74	108
Heat Distortion Temperature - HDT	°C	648	53461	75	100
Density	g/cm ³	792	53479	1183	1,18

Ambrocryl Sheet

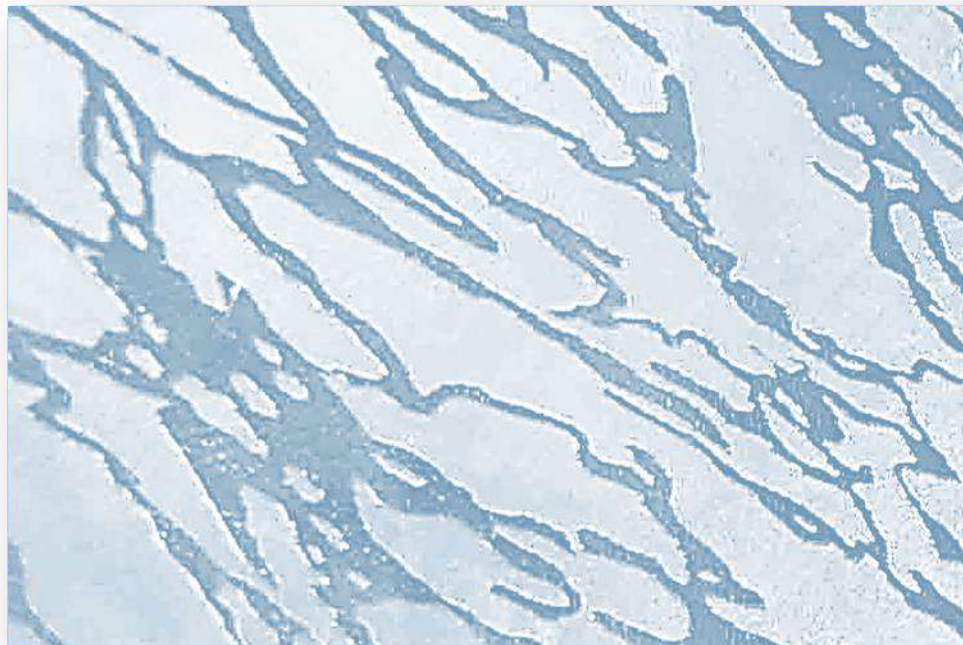
Type 33 0 – XT PMMA

THICKNESS : FROM 1,8 MM. TO 5 MM.

COLOUR : CLEAR - BRONZE

SIZE : maximum width 1250 mm., lenght on request,
ready cut size or a standard 1250 x 2000 mm.

APPLICATIONS : SHOWER CABIN SCREENS, DOOR GLAZING, FURNITURE, DECORATIVE USE.



Technical Information Acrylic Sheet Ambrocryl					
PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA
Ultimate Tensile Strenght	MPA	638	53455	527/66	70
1% offset yield stress σ_s	%	638	53455	527/66	5
Tensile Modulus Ez	MPA	790	53457	178/75	3200
IZOD impact strength	Kj/m ²	256	-	180/61	1,2
VICAT softening temperature B/50	°C	1525	53460	306/74	108
Heat Distortion Temperature - HDT	°C	648	53461	75	100
Density	g/cm ³	792	53479	1183	1,18

Ambrocryl Sheet

Type 41 0 – XT PMMA

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

COLOUR : CLEAR – BRONZE – ON REQUEST

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

ready cut size or standard 1250 x 2500 mm.

APPLICATIONS : VACUUMFORMING, LIGHTING, FURNITURE, DECORATIVE USE.



Technical Information Acrilic Sheet Ambrocryl					
PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA
Ultimate Tensile Strenght	MPA	638	53455	527/66	70
1% offset yield stress ò s 1	%	638	53455	527/66	5
Tensile Modulus Ez	MPA	790	53457	178/75	3200
IZOD impact strength	Kj/m ²	256	-	180/61	1,2
VICAT softening temperature B/50	°C	1525	53460	306/74	108
Heat Distortion Temperature - HDT	°C	648	53461	75	100
Density	g/cm ³	792	53479	1183	1,18

Ambrocryl Sheet

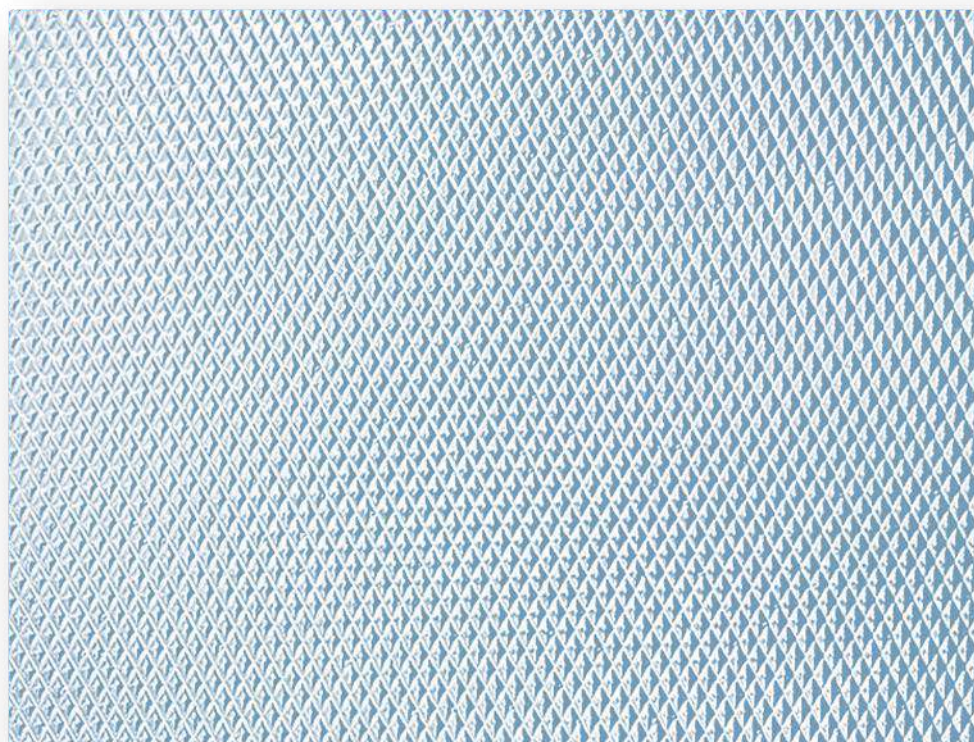
Type 42 0 XT PMMA

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

COLOUR : CLEAR – ON REQUEST

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

APPLICATION : LIGHTING, FORNITURE, DECORATIVE USE.



Technical Information Acrylic Sheet Ambrocryl						
PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA	
Ultimate Tensile Strenght	MPA	638	53455	527/66	70	
1% offset yield stress σ_s	%	638	53455	527/66	5	
Tensile Modulus Ez	MPA	790	53457	178/75	3200	
IZOD impact strenght	Kj/m ²	256	-	180/61	1,2	
VICAT softening temperature B/50	°C	1525	53460	306/74	108	
Heat Distortion Temperature - HDT	°C	648	53461	75	100	
Density	g/cm ³	792	53479	1183	1,18	

Ambrocryl sheets

TYPE FROST XT PMMA

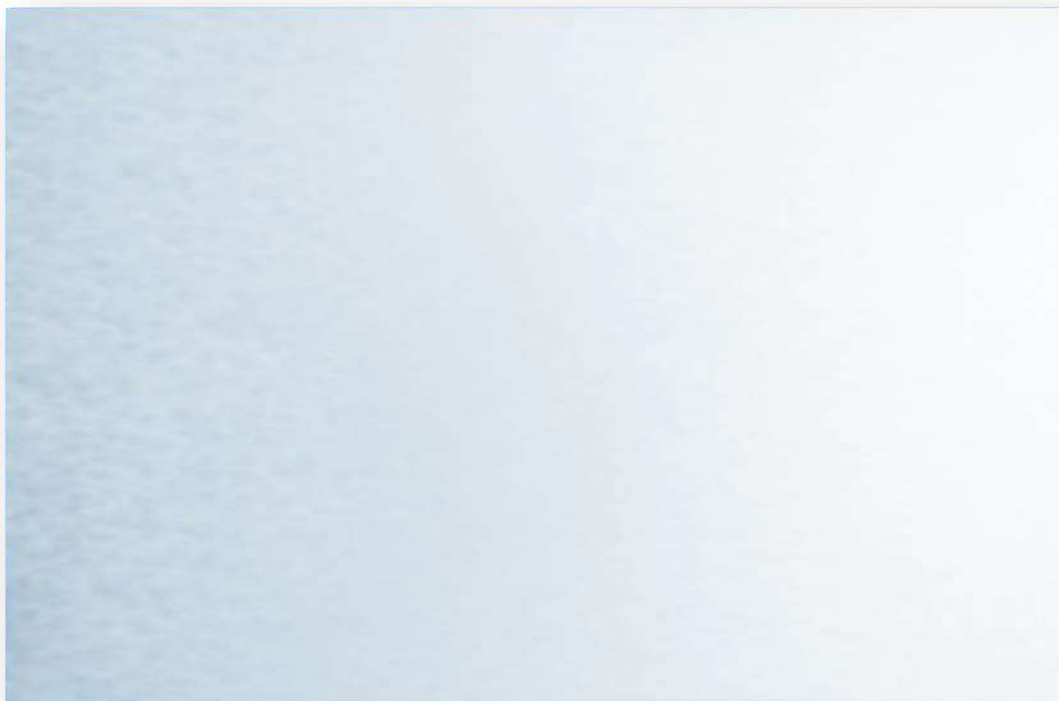
THICKNESS : FROM 1,6 MM. TO 3,5 MM.

COLOUR : COLOURLESS, OPAL OR RAL/PANTONE COLOUR ON REQUEST

SIZES : max width 1250 mm., lenght on request

Ready cut sizes or standard 1250 x 2500 mm.

APPLICATIONS : LIGHTING , GLAZING, VACCUMFORMING AND DECORATIVE PORPOSE.



Technical Information Acrilic Sheet Ambrocryl					
PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA
Ultimate Tensile Strenght	MPA	638	53455	527/66	70
1% offset yield stress ò s 1	%	638	53455	527/66	5
Tensile Modulus Ez	MPA	790	53457	178/75	3200
IZOD impact strenght	Kj/m ²	256	-	180/61	1,2
VICAT softening temperature B/50	°C	1525	53460	306/74	108
Heat Distortion Temperature - HDT	°C	648	53461	75	100
Density	g/cm ³	792	53479	1183	1,18

PMMA sheet Harmon(j)a

Thermoplastic by MAIP srl - Italy

www.maipsrl.com



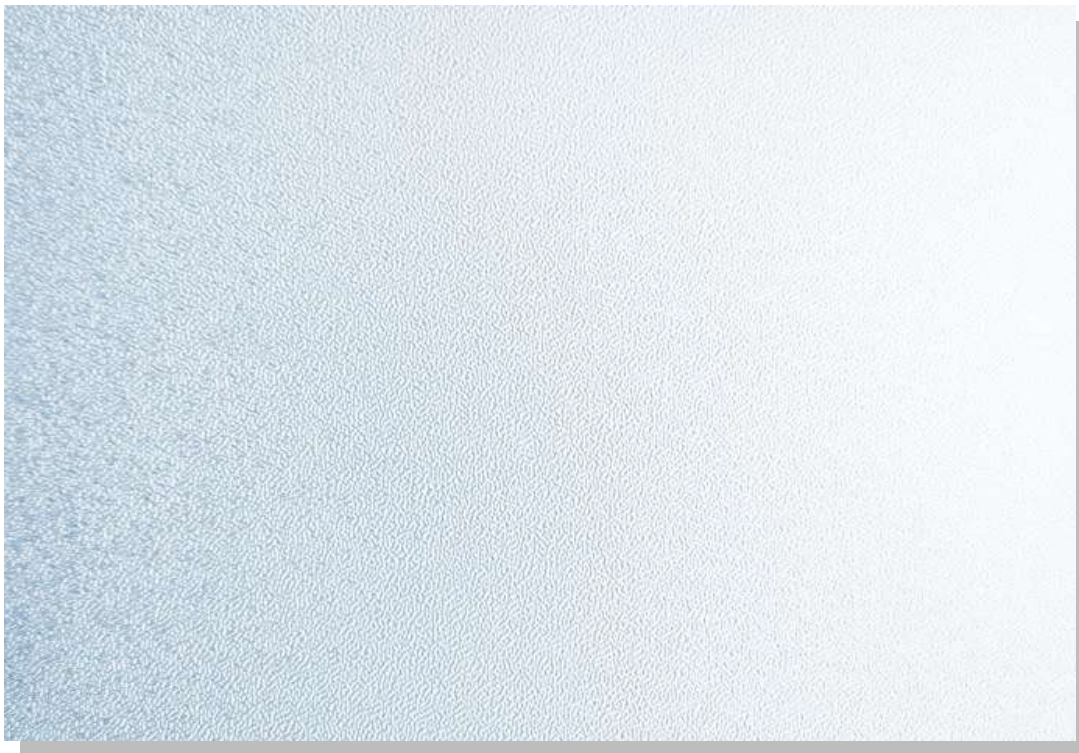
Thickness : from 1,8 mm. to 3 mm.

Three different opal grades with a light frost surface.

Sizes : maximum width 1250 mm. – lenght on request .

Ready cut sizes o standard size 1250 x 2500 mm.

Application : Led lamps screens.



Technical Information Harmon(j)a

PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA
Ultimate Tensile Strenght	MPA	638	53455	527/66	70
1% offset yield stress σ_s	%	638	53455	527/66	5
Tensile Modulus Ez	MPA	790	53457	178/75	3200
IZOD impact strenght	Kj/m ²	256	-	180/61	1,2
VICAT softening temperature B/50	°C	1525	53460	306/74	108
Heat Distorion Temperature - HDT	°C	648	53461	75	100
Density	g/cm ³	792	53479	1183	1,18

Ambrocryl Sheet



Type TC1/170 XTPMMA

THICKNESS : FROM 4 mm. TO 8 mm.

COLOUR : CLEAR – BRONZE – ON REQUEST

SIZE : maximum width 1500 mm., length on request,

Ready cut size or standard 1500 x 3000 mm.

APPLICATIONS : LIGHTING, FURNITURE, DECORATIVE USE.



Technical Information Acrylic Sheet Ambrocryl					
PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA
Ultimate Tensile Strenght	MPA	638	53455	527/66	70
1% offset yield stress σ_s	%	638	53455	527/66	5
Tensile Modulus Ez	MPA	790	53457	178/75	3200
IZOD impact strength	Kj/m ²	256	-	180/61	1,2
VICAT softening temperature B/50	°C	1525	53460	306/74	108
Heat Distortion Temperature - HDT	°C	648	53461	75	100
Density	g/cm ³	792	53479	1183	1,18

Ambrocryl Sheet

Type TC2/170 XTPMMA

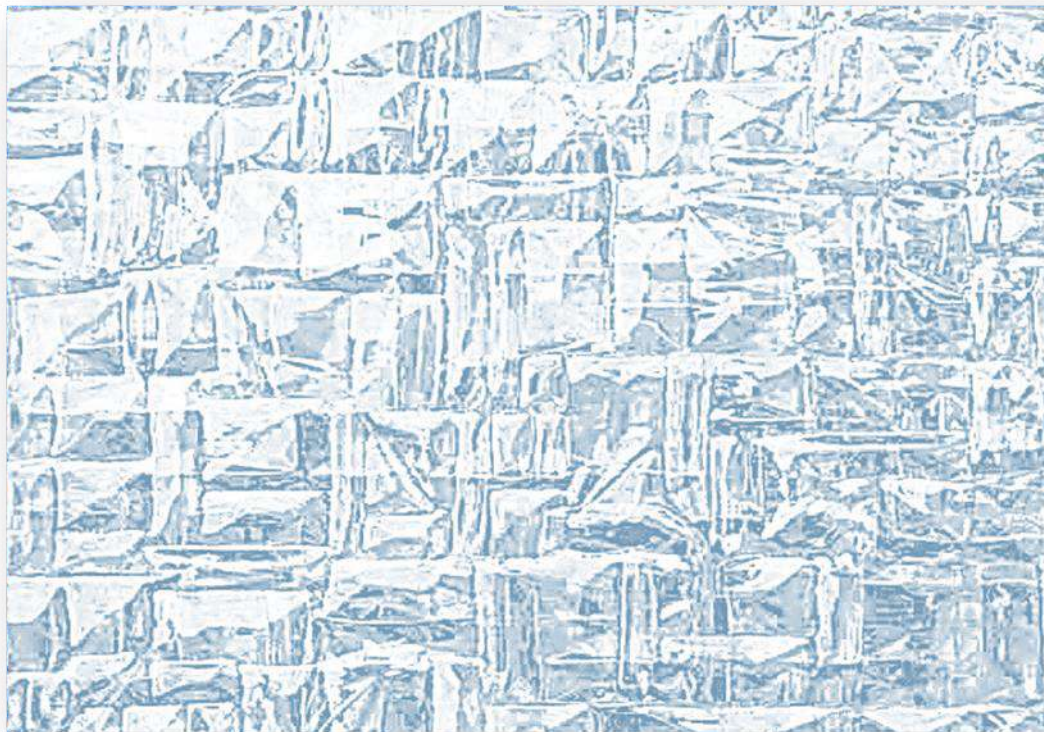


THICKNESS : FROM 2,5 MM. TO 6 MM.

COLOUR : CLEAR – BRONZE – ON REQUEST

SIZE : maximum width 1500 mm., lenght on request,
ready cut size or standard 1500 x 3000 mm.

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



Technical Information Acrylic Sheet Ambrocryl					
PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA
Ultimate Tensile Strenght	MPA	638	53455	527/66	70
1% offset yield stress σ_s	%	638	53455	527/66	5
Tensile Modulus Ez	MPA	790	53457	178/75	3200
IZOD impact strength	Kj/m ²	256	-	180/61	1,2
VICAT softening temperature B/50	°C	1525	53460	306/74	108
Heat Distortion Temperature - HDT	°C	648	53461	75	100
Density	g/cm ³	792	53479	1183	1,18

Ambrocryl Sheet

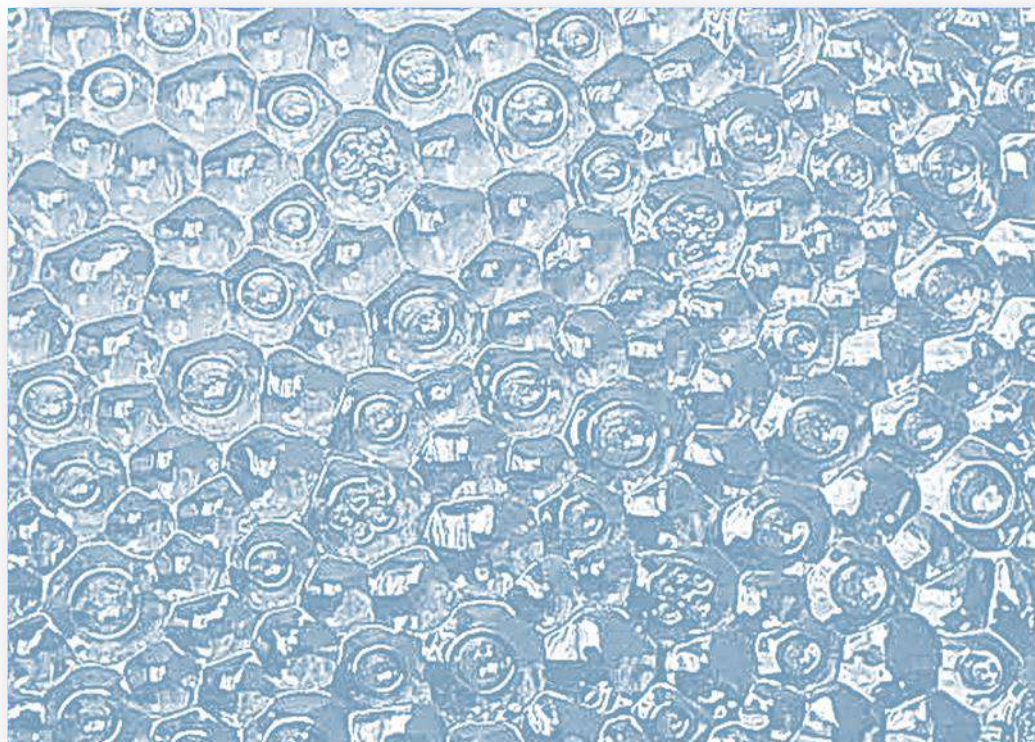
Type TC3/170 XTPMMA

THICKNESS : FROM 3,5 MM. TO 8 MM.

COLOUR : CLEAR – BRONZE – ON REQUEST

SIZE : maximum width 1200 mm., length on request,
ready cut size or standard 1200 x 3000 mm.

APPLICATIONS : LIGHTING, FURNITURE, DECORATIVE USE.



Technical Information Ambrocryl sheets					
PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA
Ultimate Tensile Strength	MPA	638	53455	527/66	70
1% offset yield stress σ_s	%	638	53455	527/66	5
Tensile Modulus E_z	MPA	790	53457	178/75	3200
IZOD impact strength	Kj/m ²	256	-	180/61	1,2
VICAT softening temperature B/50	°C	1525	53460	306/74	108
Heat Distortion Temperature - HDT	°C	648	53461	75	100
Density	g/cm ³	792	53479	1183	1,18

Ambrocryl Sheet

Type TC7/170 XTPMMA

THICKNESS : FROM 4 MM. TO 8 MM.

COLOUR : CLEAR – BRONZE – ON REQUEST

SIZE : maximum width 1000 mm., length on request,
ready cut size or standard 1000 x 3000 mm.

APPLICATION : DOOR GLAZING, FURNITURE, DECORATIVE USE.



Technical Information Acrylic Sheet Ambrocryl					
PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA
Ultimate Tensile Strength	MPA	638	53455	527/66	70
1% offset yield stress σ_s	%	638	53455	527/66	5
Tensile Modulus Ez	MPA	790	53457	178/75	3200
IZOD impact strength	Kj/m ²	256	-	180/61	1,2
VICAT softening temperature B/50	°C	1525	53460	306/74	108
Heat Distortion Temperature - HDT	°C	648	53461	75	100
Density	g/cm ³	792	53479	1183	1,18

Ambrocryl Sheet

TYPE TC8 /170 XTPMMA

THICKNESS: FROM 4 MM. TO 6 MM.

COLOUR : CLEAR – BRONZE – ON REQUEST.

SIZES : maximum width 1250 mm., length on request,
ready cut size or standard 1250 x 3000 mm.

APPLICATIONS : DOOR GLAZING , FURNITURE, DECORATIVE USE.



Technical Information Acrylic Sheet Ambrocryl						
PROPERTY	MEASURE UNIT	Method ASMT	Method DIN	Method ISO	PMMA	
Ultimate Tensile Strength	MPA	638	53455	527/66	70	
1% offset yield stress σ_s	%	638	53455	527/66	5	
Tensile Modulus Ez	MPA	790	53457	178/75	3200	
IZOD impact strength	Kj/m ²	256	-	180/61	1,2	
VICAT softening temperature B/50	°C	1525	53460	306/74	108	
Heat Distortion Temperature - HDT	°C	648	53461	75	100	
Density	g/cm ³	792	53479	1183	1,18	



AMBRO POLYMER srl unipersonale

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