PLEXIGLAS®

PLEXIGLAS®
Film

PLEXIGLAS® Film 99524

Product

PLEXIGLAS® Film 99524 is a highly transparent PMMA film with outstanding optical clarity and a graphic surface finish.

Due to its glossy and very smooth surface, PLEXIGLAS® Film 99524 is recommended for high quality printing.

PLEXIGLAS® Film 99524 performs satisfactorily for indoor applications retaining high light transmission over time.

Application

As decorative film for Insert Mold Decorating (IMD), PLEXIGLAS® Film 99524 provides a unique high quality finish or decorative layer for injection moulding parts.

PLEXIGLAS® Film 99524 can be used to produce highly transparent parts where a clear and thin acrylic layer surface is needed as an economical alternative for injection moulding process.

High quality displays and graphic art panels are achieved with PLEXIGLAS® Film 99524.

Processing

PLEXIGLAS® Film 99524 shows a very good printing performance to achieve high graphic printings.

The film shows good cutting characteristics via slitting and die-cutting processes; very good cutting edges can be achieved.

PLEXIGLAS® Film 99524 can easily be formed.

Sales range

PLEXIGLAS® Film 99524 is supplied in thickness of 175, 250, 375, 500, and 750 µm on rolls and 1000 µm as a sheet.

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Technical data								
Properties	**Test method**	**Unit**	**Value**					
Dimensions								
Thickness		µm	175	250	375	500	750	1000
Format		-	roll	roll	roll	roll	roll	sheet
Width		mm	1270	1270	1270	1270	1270	1250
Length		m	1000	900	500	500	200	2.15
Optical								
Luminous transmittance (D65/10°)	DIN EN ISO 11664	%	> 91					
UV transmittance (280 – 380 nm)	DIN EN 410	%	< 15	< 8	< 4	< 3	< 1	< 1
Refractive Index	DIN EN ISO 489		1.49					
Mechanical								
Tensile yield stress (σ_y)	DIN EN ISO 527-3	MPa	> 54					
Nominal strain at break (ε_{tB})	DIN EN ISO 527-3	%	> 35					
Thermal								
Glass transition temperature Tg (DSC)	DIN EN ISO 11357	° C	113					
Miscellaneous								
Density	DIN EN ISO 1183	g/cm³	1.17					

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® = registered trademark
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Certified to DIN EN ISO 9001 (Quality) and DIN EN ISO 14001 (Environment)

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