

PET(G)

Thermoplastic Polyester

PHYSICAL PROPERTIES

Density	DIN 53479	g/cm ³	1.77
Tensile Strength at yield	DIN 53455	N/mm ²	50
Tensile Strength	DIN 53455	N/mm ²	26
Notched Impact Strength	DIN 53453	kJ/m ²	16
Operating Temperatures	max	°C	65
	min	°C	-40
Moisture absorption	24hrs in water 23 °C	%	0.2
Rockwell Hardness Test	ASTM D785	class	R104-117
Elongation at Yield	DIN 53455	%	5
Tensile Modulus of Elasticity	DIN 53457	N/mm ²	2050

Technical Data Sheet

FURTHER INFORMATION

Electrical Properties

Volume Resistivity	DIN 53482	Ω * cm	10 ¹⁵
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Thermal Properties

Co efficient Linear Thermal Expansion		Mm/m°C	0.050
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Fire Behaviour

Flammability 3mm sheet	V-2 ⁽⁶⁾	rating	UL94
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The above data is based on present knowledge and is given without guarantee.
Existing laws and conditions are to be respected by the user of our products.