

TECHNICAL DATA SHEET**G10****TDS P003 | TRANSPARENT MONO-LAYER PS SHEETS WITH HIGH RIGIDITY**

GENERAL			
Property	Method	Unit	
Density	ISO 1183	g / cm ³	1.05
MECHANICAL			
Property	Method	Unit	
Tensile Strength at yield	ISO 527-2 / 50	MPa	58
Tensile E Modulus	ISO 527-2	kJ / m ²	3650
Tensile strain at Break	ISO 527-2	%	2
Tensile notched impact strength (23°C)	ISO 8256/1	kJ/m ²	16
OPTICAL			
Gloss / Matt level at 60°	ISO 2813	Units	>90
THERMAL			
Heat Defelction Temperature (annealed)	ISO 75-2 / A	°C	98
Vicat Softening Point	ISO 306 / B50	°C	100
ELECTRICAL			
Surface resistivity	IEC 60093	ohms	10 ¹³
Dielectric Constant / 1 MHz	IEC 60250		2.5
OTHERS			
Flammability	UL94	Rating	HB

Remark: These technical data of our products are typical ones.
The actually measured values are subject to production variations.



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