

Technical Data Sheet

Maywosoft[®] TPU/ABS/TPU

ABS / TPU

Typical characteristics

- Soft-touch effect
- High scratch resistance

Typical industries

- Vacuum Forming

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,08
Water absorption	DIN EN ISO 62	%	0,3
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	21
Elongation at break	DIN EN ISO 527	%	41
Tensile modulus of elasticity	DIN EN ISO 527	MPa	1570
Notched impact strength	DIN EN ISO 179	kJ / m ²	7
Thermal properties			
Melting temperature	ISO 11357-3	°C	>180°C
Electrical properties			
Volume resistivity	DIN EN 62631-3-1	Ω * cm	>10 ¹²
Surface resistivity	DIN EN 62631-3-2	Ω	>10 ¹²

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Print: 01/06/2026 • Release: 21/01/2025 • Version: 7.0
 PIM-ID: 709677 • PIM-Code: 91-12-9.23-4-12
 Company-IDs: 20070

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