

Technical Data Sheet

Maywosoft® ABS/TPU super matt

ABS / TPU

Typical characteristics

- Good thermoformability
- Mat surface
- Soft-touch effect

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	29
Elongation at break	DIN EN ISO 527	%	33
Tensile modulus of elasticity	DIN EN ISO 527	MPa	1850
Notched impact strength	DIN EN ISO 179	kJ / m ²	9
Thermal properties			
Melting temperature	ISO 11357-3	°C	-
Vicat softening temperature	DIN EN ISO 306, Vicat B	°C	97
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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