

Technical Data Sheet

Maywosoft[®] 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	Ohm * cm	>10 ¹²
Surface resistivity	DIN EN 62631-3-2	Ohm	>10 ¹²

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Röchling Industrial Allgäu GmbH

Hinter den Gärten 20 • 87730 Bad Grönenbach/Germany (DE) • Tel. +49 8334 9857-0
 info@roechling-maywo.de • www.roechling.com/industrial/groenenbach

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