

### Technical Data Sheet

## Maywosoft<sup>®</sup> TPU/ABS/TPU

ABS / TPU

#### Typical characteristics

- Soft-touch effect
- High scratch resistance

#### Typical industries

- Vacuum Forming

	Test method	Unit	Guideline value
<b>General properties</b>			
Density	DIN EN ISO 1183-1	g / cm <sup>3</sup>	1,08
Water absorption	DIN EN ISO 62	%	0,3
<b>Mechanical properties</b>			
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 <sup>2</sup>	7
<b>Thermal properties</b>			
Melting temperature	ISO 11357-3	°C	>180°C
<b>Electrical properties</b>			
Volume resistivity	DIN EN 62631-3-1	Ω * cm	>10 <sup>12</sup>
Surface resistivity	DIN EN 62631-3-2	Ω	>10 <sup>12</sup>

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