

Technical Data Sheet

Maywo® ABS semi-mat

Product characteristics

- Vacuum formable
- High impact strength
- Semimat surface

Product applications

- Industrie du transport
- Packaging
- Trays

	Test method	Unit	Value
Propriétés générales			
Density	DIN EN ISO 1183-1	g / cm ³	1,10
Water absorption	DIN EN ISO 62	%	0,3
Flammability (Thickness 1,5mm / 3 mm)	UL 94		HB
Propriétés mécaniques			
Limite d'élasticité	DIN EN ISO 527	MPa	50
Élongation	DIN EN ISO 527	%	55
Module d'élasticité	DIN EN ISO 527	MPa	2085
Notched impact strength	DIN EN ISO 179	kJ / m ²	13
Rockwell hardness	DIN EN ISO 2039-2	scale R	80
Propriétés thermiques			
Thermal conductivity	DIN 52612-1	W / (m * K)	0,17
Coefficient de dilatation thermique linéaire	DIN 53752	10 ⁻⁶ / K	90
Température de service, à long terme	Average	°C	85
Température de service, court terme (max.)	Average	°C	100
Vicat softening temperature	DIN EN ISO 306, Vicat B	°C	102
Propriétés électriques			
Surface resisitivity	DIN EN 61340	Ω	> 10 ¹²
Volume resistivity	DIN EN 61340	Ω	> 10 ¹²

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