

Technical Data Sheet

Maywoflamm[®] ABS 1631

Product characteristics

- Flame retardant
- Vacuum formable

Product applications

- Industrial applications
- Housing

	Test method	Unit	Value
Propriétés générales			
Density	DIN EN ISO 1183-1	g / cm ³	1,22
Flammability (Thickness 2,5 mm)	UL 94		5VB
Flammability (Thickness 1,5 mm)	UL 94		V0
Propriétés mécaniques			
Limite d'élasticité	DIN EN ISO 527	MPa	41
Élongation	DIN EN ISO 527	%	32
Module d'élasticité	DIN EN ISO 527	MPa	2000
Notched impact strength	DIN EN ISO 179	kJ / m ²	20
Ball indentation hardness (H358/30)	DIN EN ISO 2039-1	MPa	80
Propriétés thermiques			
Thermal conductivity	DIN 52612-1	W / (m * K)	0,2
Coefficient de dilatation thermique linéaire	DIN 53752	10 ⁻⁶ / K	90
Température de service, à long terme	Average	°C	80
Température de service, court terme (max.)	Average	°C	95
Vicat softening temperature	DIN EN ISO 306, Vicat B	°C	96
Propriétés électriques			
Surface resistivity	DIN EN 61340	Ω	> 10 ¹²
Volume resistivity	DIN EN 61340	Ω	> 10 ¹²
Dielectric strength	IEC 60243	kV / mm	20

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