

Technical Data Sheet

Maywoflamm[®] ECE

Product characteristics

- Flame retardant
- Vacuum formable
- Base Material: ABS

Product applications

- Industrie du transport
- Bus industry

	Test method	Unit	Value
Propriétés générales			
Density	DIN EN ISO 1183-1	g / cm ³	1,16
Flammability (1,5 mm - 7 mm)	ECE R 118-03 (annex VI, VII & VIII)		passed
Shrinkage		%	0,4-0,6
Propriétés mécaniques			
Limite d'élasticité	DIN EN ISO 527	MPa	26
Élongation	DIN EN ISO 527	%	32
Module d'élasticité	DIN EN ISO 527	MPa	1889
Notched impact strength	DIN EN ISO 179	kJ / m ²	7
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	90
Vicat softening temperature	DIN EN ISO 306, Vicat B	°C	96
Propriétés électriques			
Surface resisitivity	DIN EN 61340	Ω	> 10 ¹²
Volume resistivity	DIN EN 61340	Ω	> 10 ¹²

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