Technical Data Sheet

Maywoflamm® ABS V0

ABS

Typical characteristics

- Flame retardant
- Semimat surface

Typical industries

- Vacuum Forming

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm^3	1,20
Flammability	UL 94		V0 (1,6mm)
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	36
Elongation at yield stress	DIN EN ISO 527	%	2,4
Elongation at break	DIN EN ISO 527	%	60
Tensile modulus of elasticity	DIN EN ISO 527	MPa	1876
Notched impact strength	DIN EN ISO 179	kJ / m^2	10
Thermal properties			
Melting temperature	ISO 11357-3	°C	>180
Thermal conductivity	DIN 52612-1	W / (m * K)	0,2
Coefficient of linear thermal expansion	DIN 53752	10^{-6} / K	90
Vicat softening temperature	DIN EN ISO 306, Vicat B	°C	95
Electrical properties			
Surface resisitivity	DIN EN 61340	Ω	> 10^{12}
Volume resistivity	DIN EN 61340	Ω	> 10^{12}

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