

Scolefin® CF 4002

Polypropylene
Prime Compound

Description:

Polypropylene compound, Flame retardant grade V2 (Deca-BDE free)

General

MFI (230°/2,16kg)	ISO 1133	12	g/10min
Density	ISO 1183	0,93	g/cm ³
Linear mould shrinkage	ASTM D955	1,4-1,7	%

Thermal

HDT/B (0,46MPa)	ISO 75B	101	°C
Vicat softening point (B50 (50N))	ISO 306	77	°C
Ball pressure test (125°C)	IEC 60695-10-2	Pass	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	8	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	28	MPa
Tensile strength at break (23 °C)	ISO 527	10	MPa
Elongation at break (23 °C)	ISO 527	80	%
Flexural modulus (23 °C)	ISO 178	1250	MPa

Flammability

Flammability (3,2mm)	UL94	V2	
Flammability (1,6mm)	UL94	V2	
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	850	°C

Remark:

UL94 officially approval file number: E103497
Available in different colours

The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. It is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application.

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