



Scolefin® CF 4002

Ravago Manufacturing Europe - Polypropylene

General Information

Product Description

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

UL94 officially approval file number: E103497

Available in different colours

General

Material Status	• Commercial: Active
Availability	• Europe • North America
Additive	• Flame Retardant
Features	• Flame Retardant
UL File Number	• E103497
Appearance	• Colors Available

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.930	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Molding Shrinkage - Flow	1.4 to 1.7	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	28.0	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	10.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	80	%	ISO 527-2
Flexural Modulus (23°C)	1250	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	8.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Annealed)	101	°C	ISO 75-2/B
Vicat Softening Temperature	77.0	°C	ISO 306/B50
Ball Pressure Test (125°C)	Pass		IEC 60695-10-2
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.6 mm	V-2		
3.2 mm	V-2		
Glow Wire Flammability Index (2.0 mm)	850	°C	IEC 60695-2-12

Notes

¹ Typical properties: these are not to be construed as specifications.