



Mablex® 319V0

Ravago Manufacturing Europe - Polycarbonate + ABS

General Information

Product Description

PC/ABS blend V0 flame retardant, 20% glass fibre filled grade

General

Material Status	• Commercial: Active	
Availability	• Europe	• North America
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight	
Additive	• Flame Retardant	
Features	• Flame Retardant	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	10	g/10 min	ISO 1133
Molding Shrinkage	0.20 to 0.30	%	ISO 2577
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	70.0	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Flexural Modulus	5000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/A
-30°C	5.0	kJ/m ²	
23°C	10	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	118	°C	ISO 75-2/A
Vicat Softening Temperature			
--	127	°C	ISO 306/B50
--	135	°C	ISO 306/A50
Ball Pressure Test (75°C)	Pass		
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Volume Resistivity	1.0E+14	ohms·cm	IEC 60093
Electric Strength (1.00 mm, in Oil)	33	kV/mm	IEC 60243-1
Comparative Tracking Index	175	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.6 mm	V-0		
3.2 mm	V-0		
2.5 mm	5VA		
Glow Wire Flammability Index (2.0 mm)	960	°C	IEC 60695-2-12

Notes

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