

Mablex 352

Polycarbonate + ABS

Ravago Group

Message:

PC/ABS blend V0 flame retardant grade

General Information			
UL YellowCard	E103497-218241		
Additive	Flame Retardant		
Features	Flame Retardant		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/2.16 kg)	14	g/10 min	ISO 1133
Molding Shrinkage	0.50 to 0.70	%	ISO 2577
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	55.0	MPa	
Break	48.0	MPa	
Tensile Strain (Break)	30	%	ISO 527-2
Flexural Modulus	2400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	20	kJ/m ²	
23°C	50	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Annealed)	100	°C	ISO 75-2/A
Vicat Softening Temperature	112	°C	ISO 306/B50
Ball Pressure Test (75°C)	Pass		
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Volume Resistivity	1.0E+15	ohms · cm	IEC 60093
Electric Strength (1.00 mm, in Oil)	30	kV/mm	IEC 60243-1
Comparative Tracking Index	300	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating ¹			Internal Method
1.60 mm	V-0		
3.20 mm	V-0		
Glow Wire Flammability Index (2.00 mm)	960	°C	IEC 60695-2-12
NOTE			

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