

Hybrid S555

Polycarbonate + ABS

Ravago Manufacturing Americas, LLC

Message:

PC/ABS, High Flow, Non-Halogenated Flame Retardant

General Information			
UL YellowCard	E157012-100043311		
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
	High Flow		
RoHS Compliance	RoHS Compliant		
UL File Number	E157012		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/2.16 kg)	21	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.50 to 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	63.0	MPa	ISO 527-2
Tensile Strain (Break)	45	%	ISO 527-2
Flexural Modulus	2550	MPa	ISO 178
Flexural Stress	84.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	46	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	107	°C	ISO 75-2/B
1.8 MPa, Unannealed	94.0	°C	ISO 75-2/A
Vicat Softening Temperature	110	°C	ISO 306
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	V-0		
	V-0		
2.50 mm	5VB		

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