

Hybrid S459

Polycarbonate + ABS

Ravago Manufacturing Americas, LLC

Message:

PC/ABS, General Purpose

General Information			
UL YellowCard	E157012-224000		
Features	General Purpose		
Uses	General Purpose		
RoHS Compliance	RoHS Compliant		
UL File Number	E157012		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.11	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	20	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)	52.0	MPa	ISO 527-2
Tensile Strain (Break)	50	%	ISO 527-2
Flexural Modulus	2340	MPa	ISO 178
Flexural Stress	72.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	40	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	120	°C	ISO 75-2/B
1.8 MPa, Unannealed	112	°C	ISO 75-2/A
Vicat Softening Temperature	114	°C	ISO 306
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	HB	UL 94	

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