

Hylac® FR134GB03

Acrylonitrile Butadiene Styrene
Ravago Manufacturing Americas, LLC

Message:
ABS, General Purpose, 3% Glass Beads, Flame Retardant, High Flow

General Information			
Filler / Reinforcement	Glass Bead,3.0% Filler by Weight		
Features	Flame Retardant		
	General Purpose		
	High Flow		
Uses	General Purpose		
RoHS Compliance	RoHS Compliant		
UL File Number	E157012		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ASTM D1238
200°C/5.0 kg	5.2	g/10 min	
220°C/10.0 kg	60	g/10 min	
230°C/3.8 kg	13	g/10 min	
Molding Shrinkage - Flow (3.18 mm)	0.30 to 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	35.0	MPa	ISO 527-2
Tensile Strain (Break)	15	%	ISO 527-2
Flexural Modulus	2100	MPa	ISO 178
Flexural Stress	65.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	15	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	82.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	171	°C	ISO 75-2/A
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
	V-0		
1.50 mm	5VB		

V-0

2.50 mm

5VA

V-0

3.00 mm

5VA

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