

Hostacom ERC 198N

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom ERC 198N is a 20% mineral filled elastomer modified PP copolymer with high flow, high toughness and good UV resistance. Used for automotive interior trim in particular instrument panels.

General Information	
Filler / Reinforcement	Mineral,20% Filler by Weight
Additive	Impact Modifier UV Stabilizer
Features	Copolymer Good Toughness Good UV Resistance High Flow Impact Modified
Uses	Automotive Instrument Panel Automotive Interior Parts Automotive Interior Trim

Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	17.0	cm ³ /10min	ISO 1133
Molding Shrinkage	0.90 to 1.0	%	Internal Method

Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	19.0	MPa	ISO 527-2
Tensile Strain (Yield)	9.0	%	ISO 527-2
Flexural Modulus	1800	MPa	ISO 178
Flexural Stress	28.0	MPa	ISO 178

Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	3.0	kJ/m ²	
23°C	20	kJ/m ²	
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			

0.45 MPa, Unannealed	110	°C	ISO 75-2/B
1.8 MPa, Unannealed	65.0	°C	ISO 75-2/A

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