

Hostacom HRC 114T BLACK

Polypropylene Homopolymer

LyondellBasell Industries

Message:

"Hostacom" HRC 114T is a 40% mineral filled elastomer modified polypropylene homopolymer for injection molding. It has a high flowability. The grade has been specifically designed for molding Automotive Under the Hood and Interior parts. The grade is available black colour, pellet form.

General Information			
Filler / Reinforcement	Mineral,40% Filler by Weight		
Additive	Impact Modifier		
Features	High Flow		
	Homopolymer		
	Impact Modified		
Uses	Automotive Applications		
	Automotive Interior Parts		
	Automotive Under the Hood		
	Structural Parts		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.20	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	23	g/10 min	ISO 1133
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	22.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	4000	MPa	ISO 527-2
Tensile Stress (Yield)	28.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	4.0	%	ISO 527-2/50
Flexural Modulus - Secant	4000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	20	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	72.0	°C	ISO 75-2/A

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