

# Hostacom TRC 160Y NATURAL

Polypropylene Copolymer  
LyondellBasell Industries

Message:

Hostacom TRC 160Y NATURAL is a 15% mineral filled, polypropylene copolymer for injection molding. It combines excellent stiffness/impact balance, low odor and excellent flowability properties with good dimensional stability. It is typically used for molding paintable automotive interior trim parts. For regulatory compliance information, see Hostacom TRC 160Y NATURAL Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

General Information			
Filler / Reinforcement	Mineral filler, 15% filler by weight		
Features	Good dimensional stability		
	Rigid, good		
	Copolymer		
	Impact resistance, good		
	Sprayable		
	Good liquidity		
	The smell is low to none		
Uses	Application in Automobile Field		
	Car interior parts		
	Car interior equipment		
Appearance	Natural color		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile modulus-1% Secant	1750	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	18.0	MPa	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	4.5	kJ/m <sup>2</sup>	ISO 179/1eA
23°C	45	kJ/m <sup>2</sup>	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	90.0	°C	ISO 75-2/B
1.8 MPa, not annealed	53.0	°C	ISO 75-2/A

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