

Hostacom TRC 104N D63104

Polypropylene Copolymer

LyondellBasell Industries

Message:

Hostacom TRC 104N D63104 is a mineral filled high impact, high stiffness polypropylene copolymer. The grade has been specially developed for large complex parts that require good impact as well as good

General Information			
Filler / Reinforcement	Mineral		
Features	Copolymer		
	Good Processability		
	High Flow		
	High Impact Resistance		
	High Stiffness		
	Paintable		
Uses	Automotive Applications		
	Automotive Instrument Panel		
	Automotive Interior Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	22	g/10 min	ISO 1133
Molding Shrinkage	0.75 to 0.90	%	ISO 294-4
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness	> 70		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	19.5	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	> 80	%	ISO 527-2/50
Flexural Modulus ¹ (23°C)	> 1750	MPa	ISO 178
Flexural Stress (23°C)	> 28.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	> 2.0	kJ/m ²	
23°C	> 20	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	106	°C	ISO 75-2/B
NOTE			

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