

# Hostacom TRC 767N/1

Thermoplastic Polyolefin Elastomer  
LyondellBasell Industries

Message:

Hostacom TRC 767N/1 high melt flow, 2,300 MPa flexural modulus, high impact, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of properties and processability. It was designed primarily for rigid, low gloss, molded-in color automotive instrument panels.

General Information			
Features	Good Moldability		
	Good Processability		
	High Flow		
	High Impact Resistance		
	High Rigidity		
	Low Gloss		
	Low Shrinkage		
Uses	Automotive Applications		
	Automotive Instrument Panel		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm <sup>3</sup>	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	20.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	5.0	%	ISO 527-2
Flexural Modulus (23°C)	2300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	50	kJ/m <sup>2</sup>	ISO 180
Multi-Axial Instrumented Impact Energy <sup>1</sup> (-15°C, Energy to Peak Force, Ductile Failure)	22.0	J	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	105	°C	ISO 75-2/B
1.8 MPa, Unannealed	60.0	°C	ISO 75-2/A
NOTE			
1.	6.6 m/sec		

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