

# Hostacom ERD739T

Polypropylene Homopolymer

LyondellBasell Industries

## Message:

Hostacom ERD739T black, 15% mica-filled, modified polypropylene homopolymer has a good balance of properties and processability. It was designed primarily for various automotive underhood components.

General Information			
Filler / Reinforcement	Mica,15% Filler by Weight		
Features	Good Dimensional Stability		
	Good Moldability		
	High Flow		
	High Rigidity		
	Homopolymer		
Uses	Automotive Applications		
	Automotive Under the Hood		
Forms	Pellets		
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)	17	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	30.0	MPa	ISO 527-2
Tensile Strain (Yield)	9.0	%	ISO 527-2
Flexural Modulus	2200	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	3.0	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	110	°C	ISO 75-2/B
1.8 MPa, Unannealed	68.0	°C	ISO 75-2/A

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