

Hostacom M2 U08

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostacom M2U08 is a homopolymer polypropylene, 20% mineral filled for injection moulding. The grade is available in standard black colour.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Features	Homopolymer		
Uses	Automotive Applications		
	Automotive Under the Hood		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	12	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	78.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/50
Yield	39.0	MPa	
Break	30.0	MPa	
Flexural Modulus - Secant	2900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C, Complete Break)	3.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	38	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	120	°C	ISO 75-2/B
1.8 MPa, Unannealed	66.0	°C	ISO 75-2/A

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