

Hostacom M2 U08

Compounded Polyolefin

Product Description

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

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Features	Homopolymer
Typical Customer Applications	Under-the-Hood & Structural Applications

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.05 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	12 g/10 min
Mechanical		
Tensile Stress at Break (50 mm/min)	ISO 527-1, -2	30.0 MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	39.0 MPa
Flexural modulus (Secant)	ISO 178	2900 MPa
Impact		
Charpy unnotched impact strength (23 °C, Type 1, Edgewise)	ISO 179	38 kJ/m ²
Charpy notched impact strength (23 °C, Type 1, Edgewise, Notch A, Complete Break)	ISO 179	3.50 kJ/m ²
Hardness		
Ball indentation hardness (H 358/30)	ISO 2039-1	78.0 MPa
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	120 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	66.0 °C

Notes

Typical properties: not to be construed as specifications.

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Users should review the applicable Material Safety Data Sheet before handling the product.

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