



Hostacom X M2 U38

Compounded Polyolefin

Product Description

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe, Asia-Pacific, Australia/NZ, Africa-Middle East, Latin America
Features	Copolymer
Typical Customer Applications	Interior Applications, Automotive Parts

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.04 g/cm ³
Melt flow rate (MFR)	ISO 1133	
(230°C/5.0kg)		67 g/10 min
(230°C/2.16Kg)		16 g/10 min
Melt volume flow rate	ISO 1133	
(230°C/2.16Kg)		18 cm ³ /10min
(230°C/5.0kg)		78 cm ³ /10min
Mechanical		
Tensile Modulus (Secant)	ISO 527-1, -2	2200 MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	27 MPa
Tensile Strain at Yield (50 mm/min)	ISO 527-1, -2	5 %
Flexural modulus (Secant)	ISO 178	2400 MPa
Impact		
Charpy unnotched impact strength	ISO 179	
(23 °C, Type 1, Edgewise)		60 kJ/m ²
(0 °C, Type 1, Edgewise)		40 kJ/m ²
(-30 °C, Type 1, Edgewise)		15 kJ/m ²
Charpy notched impact strength (23 °C, Type 1, Edgewise, Notch A)	ISO 179	5 kJ/m ²
Hardness		
Ball indentation hardness (H 358/30)	ISO 2039-1	67 MPa
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	110 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	64 °C
Vicat softening temperature (B50 (50°C/h 50N))	ISO 306	78 °C

Additional Properties

Mould Shrinkage, Basell Test Method: 0.9 to 1.1 %

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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