



Hostacom X M2 T20 / 3

Compounded Polyolefin

Product Description

Product Characteristics

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

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.02 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	5 g/10 min
Melt volume flow rate (230°C/2.16Kg)	ISO 1133	6 cm ³ /10min
Mechanical		
Tensile Modulus (Secant)	ISO 527-1, -2	1500 MPa
Tensile Stress at Break (50 mm/min)	ISO 527-1, -2	12 MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	18 MPa
Tensile Strain at Break (50 mm/min)	ISO 527-1, -2	20 %
Tensile Strain at Yield (50 mm/min)	ISO 527-1, -2	3.5 %
Flexural modulus (Secant)	ISO 178	1550 MPa
Impact		
Charpy unnotched impact strength	ISO 179	
(23 °C, Type 1, Edgewise)		No Break kJ/m ²
(0 °C, Type 1, Edgewise)		No Break kJ/m ²
(-30 °C, Type 1, Edgewise)		90 kJ/m ²
Charpy notched impact strength	ISO 179	
(23 °C, Type 1, Edgewise, Notch A)		50 kJ/m ²
(0 °C, Type 1, Edgewise, Notch A)		13 kJ/m ²
(-30 °C, Type 1, Edgewise, Notch A)		6 kJ/m ²
Hardness		
Ball indentation hardness (H 358/30)	ISO 2039-1	42 MPa
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	90 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	53 °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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