



Hostacom X 678/1 LS71

Compounded Polyolefin

Product Description

20% mineral filled elastomer modified PP copolymer. Medium flow, good stiffness toughness balance, good UV resistance. Used for interior automotive components.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Features	Copolymer, Medium Flow, Good Stiffness , Good Toughness, Good UV Resistance
Typical Customer Applications	Interior Applications

Typical Properties	Method	Value	Unit	
Physical				
Density	ISO 1183	1.05	g/cm³	
Melt flow rate (MFR)	ISO 1133			
(230°C/2.16Kg)		4,5	g/10 min	
(230°C/5.0kg)		22	g/10 min	
Melt volume flow rate	ISO 1133			
(230°C/5.0kg)			25	cm³/10min
(230°C/2.16Kg)			5	cm³/10min
Mechanical				
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	24	MPa	
Tensile Strain at Break (50 mm/min)	ISO 527-1, -2	50	%	
Tensile Strain at Yield (50 mm/min)	ISO 527-1, -2	5	%	
Flexural modulus (Secant)	ISO 178	2300	MPa	
Flexural Stress (3.5 %)	ISO 178	35	MPa	
Impact				
Charpy unnotched impact strength (23 °C, Type 1, Edgewise)	ISO 179	No Break	kJ/m²	
Charpy notched impact strength	ISO 179			
(23 °C, Type 1, Edgewise, Notch A)			11	kJ/m²
(-30 °C, Type 1, Edgewise, Notch A)			3	kJ/m²
Hardness				
Ball indentation hardness (H 358/30)	ISO 2039-1	65	MPa	
Thermal				
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	60	°C	
Vicat softening temperature	ISO 306			
(B50 (50°C/h 50N))			65	°C
(A50 (50°C/h 10N))			140	°C

Additional Properties

Impact Strength, DIN 53453, 23°C: No Break
 Impact Strength, DIN 53453, -20°C: 35 kJ/m²
 Notched Impact Strength, DIN 53453, 23°C: 10 kJ/m²
 Impact Strength, DIN 53453, -40°C: 25 kJ/m²
 Mould Shrinkage, Basell Test Method: 0.9 to 1.1%

Notes

Typical properties; not to be construed as specifications.

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- ┆ Basell Sales & Marketing Company B.V.
- ┆ Basell Asia Pacific Limited
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Users should review the applicable Material Safety Data Sheet before handling the product.

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