



Hifax TKC 243X 3001

Compounded Polyolefin

Product Description

Hifax TKC 243X 3001 is a medium flow, 10% mineral filled, high impact polypropylene copolymer for painted exterior applications like bumper fascias. The product is designed especially for injection moulding. It exhibits a good stiffness and an excellent impact strength.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Method	Injection Molding
Typical Customer Applications	Bumpers

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	0,97 g/cm ³
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	6 g/10 min
Mechanical		
Tensile Stress at Yield (23 °C, 50 mm/min)	ISO 527-1, -2	17 MPa
Tensile Strain at Break (23 °C, 50 mm/min)	ISO 527-1, -2	150 %
Tensile Strain at Yield (23, 50 mm/min)	ISO 527-1, -2	5 %
Flexural modulus (23 °C, v = 2 mm/min)	ISO 178	1200 MPa
Impact		
Charpy notched impact strength	ISO 179	
(-30, Edgewise, Notch A)		6 kJ/m ²
(23, Edgewise, Notch A)		55 kJ/m ²

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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