



Hifax TKC 461X 1 Black

Compounded Polyolefin

Product Description

Hifax TKC 461X 1Black is a PP/EPR-Blend, 12% mineral filled, good impact resistance, with very low shrinkage. Designed for automotive painted bumper.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Methods	Injection Molding
Features	Low Density, Good Impact Resistance , Paintable, Good Processability, Low Shrinkage
Typical Customer Applications	Bumpers

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	0,98 g/cm³
Melt flow rate (MFR) (230°C/2.16kg)	ISO 1133	13 g/10 min
Mechanical		
Tensile Stress at Yield (23 °C, 50 mm/min)	ISO 527-1, -2	16 MPa
Tensile Strain at Break (23 °C, 50 mm/min)	ISO 527-1, -2	400 %
Flexural modulus (23 °C, 2 mm/min)	ISO 178	1500 MPa
Impact		
Charpy notched impact strength	ISO 179	
(-30 °C, Edgewise, Notch A)		20 kJ/m²
(23 °C, Edgewise, Notch A)		50 kJ/m²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	90 °C
Vicat softening temperature A/50	ISO 306	125 °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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