



Hifax TKC 115X Black

Compounded Polyolefin

Product Description

"Hifax" TKC 115X is a 30% mineral filled, impact modified polypropylene copolymer for injection molding. It combines excellent stiffness/impact balance, excellent dimensional stability, and very low shrinkage with good flowability properties. The grade has been specifically designed for molding of automotive painted exterior trim parts. The grade is available in black, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Features	Impact Modified
Typical Customer Applications	Exterior Applications, Body Panels

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.12	g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	10	g/10 min
Mechanical			
Tensile Modulus (23 °C, 50 mm/min)	ISO 527-1, -2	1800	MPa
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	25	%
Flexural modulus (23 °C, 2 mm/min)	ISO 178	2000	MPa
Impact			
Notched izod impact strength	ISO 180		
(23 °C, Type 1, Notch A)		No Break	kJ/m ²
(-30 °C, Type 1, Notch A)		3.5	kJ/m ²

Notes

Typical properties; not to be construed as specifications.

Additional Properties

Shrinkage, ISO 2554, 48 hr, 23°C, 40 bar, l.: 0.3%
Shrinkage, ISO 2554, 48 hr, 23°C, 40 bar, q.: 0.5%

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Unless specifically indicated, the grades mentioned are not suitable for applications in the pharmaceutical/medical sector.

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