

Hifax TKC 5495P

Polypropylene Impact Copolymer

LyondellBasell Industries

Message:

"Hifax" TKC 5495P is a medium flow, 15% mineral filled, UV stabilized, high impact polypropylene copolymer suitable for injection molding. The grade has been specifically designed for molding large complex parts that require a high impact strength as well as a good stiffness. This grade is available in custom color, pellet form.

General Information			
Filler / Reinforcement	Mineral,15% Filler by Weight		
Additive	UV Stabilizer		
Features	Good Stiffness		
	Good UV Resistance		
	High Impact Resistance		
	Medium Flow		
Uses	Automotive Interior Parts		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16	g/10 min	ISO 1133
Molding Shrinkage	0.90 to 1.2	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	18.0	MPa	ISO 527-2/50
Tensile Strain (Break)	75	%	ISO 527-2/50
Flexural Modulus - Secant	1500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-20°C	5.0	kJ/m ²	
23°C	No Break		

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