

Hifax TKC 407P

Polypropylene Copolymer
LyondellBasell Industries

Message:

Hifax TKC 407P is a 15% mineralfilled PP copolymer, impact modified, high UV resistance, good processibility. Product is available in customized matched colors, for unpainted exterior applications.

General Information			
Filler / Reinforcement	Mineral,15% Filler by Weight		
Additive	Impact Modifier		
Features	Copolymer		
	Good Processability		
	Good UV Resistance		
	Impact Modified		
	Medium Flow		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Appearance	Colors Available		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	17.0	MPa	ISO 527-2
Tensile Strain (Break)	100	%	ISO 527-2
Flexural Modulus ¹ (23°C)	1600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	4.5	kJ/m ²	
23°C	50	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B
Vicat Softening Temperature	130	°C	ISO 306/A50
NOTE			
1.	2.0 mm/min		

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