

Hifax TKC 461P 3004

Polypropylene Copolymer
LyondellBasell Industries

Message:
Very low shrinkage, good impact/stiffness balance, high UV resistance developed for unpainted exterior trims.

General Information			
Additive	Impact Modifier		
Features	Good Impact Resistance		
	Good Stiffness		
	Good UV Resistance		
	Impact Modified		
	Low Density		
	Low Shrinkage		
Uses	Outdoor Applications		
Physical	Nominal Value	Unit	Test Method
Density	0.980	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)	400	%	ISO 527-2
Flexural Modulus ¹ (23°C)	1500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	7.0	kJ/m ²	
23°C	55	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	115	°C	ISO 306/A50
NOTE			
1.	2.0 mm/min		

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