

Hostacom TKC 420N

Polyolefin
LyondellBasell Industries

Message:

"Hostacom" TKC 420N is a 10% Talc filled, impact modified grade for interior applications with excellent impact/stiffness balance, good flowability properties and very good scratch resistance. It has an outstanding blooming resistance at elevated temperatures.

General Information			
Filler / Reinforcement	Talc,10% Filler by Weight		
Additive	Impact Modifier		
Features	Good Flow		
	Good Impact Resistance		
	Good Stiffness		
	Impact Modified		
	Low Blooming		
	Scratch Resistant		
Uses	Automotive Interior Parts		
Physical	Nominal Value	Unit	Test Method
Density	0.980	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	21.0	MPa	ISO 527-2/50
Flexural Modulus ¹ (23°C)	1850	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	5.0	kJ/m ²	
23°C	35	kJ/m ²	
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	95.0	°C	ASTM D648, ISO 75-2/B
Vicat Softening Temperature	138	°C	ISO 306/A50
NOTE			
1.	2.0 mm/min		

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