

Hostacom TKC 5458N

Polypropylene Copolymer

LyondellBasell Industries

Message:

"Hostacom" TKC 5458N is a 20% mineral filled, polypropylene copolymer for injection molding. It combines excellent stiffness/impact balance and good flowability properties with good dimensional stability. The grade has been specifically designed for molding of automotive interior trim parts. The grade is available in color-matched, pellet form.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Features	Copolymer		
	Good Dimensional Stability		
	Good Flow		
	Good Impact Resistance		
	Good Stiffness		
	Scratch Resistant		
Uses	Automotive Applications		
	Automotive Interior Parts		
	Automotive Interior Trim		
Appearance	Unspecified Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.06	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Molding Shrinkage	0.90 to 1.1	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant	2150	MPa	ISO 527-2
Tensile Stress (Yield)	19.0	MPa	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	3.5	kJ/m ²	
23°C	12	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	105	°C	ISO 75-2/B
1.8 MPa, Unannealed	57.0	°C	ISO 75-2/A

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