Hostacom TKC 353N

Polypropylene Copolymer LyondellBasell Industries

Message:

Hostacom TKC 353N is a UV stabilized, nominal 15% mineral filled polypropylene copolymer (TPO) for injection molding. It combines good flowability with an excellent stiffness/impact balance, and provides for excellent aesthetics and good scratch resistance. This grade has been specifically designed for molded-in-color interior trim applications requiring high impact and low emission performance. It is available with UV stabilization designed for interior weatherability, in custom OEM color matches.

General Information			
Filler / Reinforcement	Mineral,15% Filler by Weight		
Additive	UV Stabilizer		
Features	Copolymer		
	Good Dimensional Stability		
	Good Flow		
	Good Surface Finish		
	High Impact Resistance		
	High Rigidity		
	Low Emissions		
	Scratch Resistant		
Uses	Automotive Applications		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.03	g/cm³	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)	19.0	MPa	ISO 527-2/50
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Flexural Modulus (23°C)	1700	MPa	ISO 178
Flexural Modulus (23°C) Impact	Nominal Value	MPa Unit	ISO 178 Test Method
Impact			Test Method
Impact Notched Izod Impact Strength	Nominal Value	Unit	Test Method
Impact Notched Izod Impact Strength -40°C	Nominal Value 3.5	Unit kJ/m²	Test Method
Impact Notched Izod Impact Strength -40°C 23°C	Nominal Value 3.5 40	Unit kJ/m² kJ/m²	Test Method ISO 180/1A
Impact Notched Izod Impact Strength -40°C 23°C Thermal	Nominal Value 3.5 40	Unit kJ/m² kJ/m²	Test Method ISO 180/1A

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