

Hostacom TRC 452N NAT

Polyolefin

LyondellBasell Industries

Message:

"Hostacom" TRC 452N NAT is a 20% mineral filled, impact modified grade for interior applications with excellent impact/stiffness balance, good flowability properties and excellent scratch resistance. It has an outstanding blooming resistance at elevated temperatures. The grade is the antistatic version of HC TRC 352N to avoid dust attraction.

General Information			
Filler / Reinforcement	Mineral,20% Filler by Weight		
Additive	Antistatic		
	Impact Modifier		
Features	Antistatic		
	Good Flow		
	Good Impact Resistance		
	Good Stiffness		
	Impact Modified		
	Low Blooming		
	Scratch Resistant		
Uses	Automotive Applications		
	Automotive Interior Parts		
Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	21.6	MPa	ISO 527-2/50
Flexural Modulus ¹ (23°C)	2000	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	35	kJ/m ²	
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	54.0	°C	ISO 75-2/A
Vicat Softening Temperature	136	°C	ISO 306/A50
NOTE			

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