

Hostacom TRC 452N

Polyolefin

LyondellBasell Industries

Message:

"Hostacom" TRC 452N is a 20% mineral filled, impact modified grade for interior applications with excellent impact/stiffness balance, good flowability properties and good 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	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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1. 2.0 mm/min

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