

Hostacom TRC 1372N 100i Black

LyondellBasell Industries - Polypropylene

General Information

Product Description

Hostacom TRC 1372N 100i BLACK has a high melt flow, 1,750 MPa flexural modulus, low density, low gloss thermoplastic polyolefin (TPO) resin. It has an excellent balance of processability, rigidity, impact, scratch and mar resistance. It is typically used for injection molding of Instrumental Panels and other interior trim parts or components with good surface appearance properties.

General

Features	<ul style="list-style-type: none"> • Excellent Processability • Good Moldability • Good Scratch Resistance 	<ul style="list-style-type: none"> • High Flow • High Impact Resistance • High Rigidity 	<ul style="list-style-type: none"> • Low Density • Low Gloss
Uses	<ul style="list-style-type: none"> • Automotive Applications 	<ul style="list-style-type: none"> • Automotive Instrument Panel 	<ul style="list-style-type: none"> • Automotive Interior Parts
Processing Method	<ul style="list-style-type: none"> • Injection Molding 		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	24	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	2470	psi	ISO 527-2
Tensile Strain (Yield)	7.0	%	ISO 527-2
Flexural Modulus	254000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-22°F	3.8	ft-lb/in ²	
73°F	26	ft-lb/in ²	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	208	°F	ISO 75-2/B