

Hostacom TRC 1193N NATURAL

LyondellBasell Industries - Polypropylene

General Information

Product Description

Hostacom TRC 1193N NATURAL is a high melt flow, 1,900 MPa flexural modulus, low density thermoplastic polyolefin (TPO) resin. It has an excellent balance of processability, rigidity, impact, and 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
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 		

Properties¹

Physical	Nominal Value	Unit	Test Method
Density (73°F)	0.990	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	2760	psi	ISO 527-2
Tensile Strain (Yield)	6.0	%	ISO 527-2
Flexural Modulus	276000	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	21	ft·lb/in ²	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	225	°F	ISO 75-2/B