

# Hostacom TRC 1193N HF Natural

## LyondellBasell Industries - Polypropylene

### General Information

#### Product Description

Hostacom TRC 1193N HF Natural is a high melt flow, high stiffness, high impact 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"> <li>Excellent Processability</li> <li>Good Moldability</li> </ul>	<ul style="list-style-type: none"> <li>Good Scratch Resistance</li> <li>High Flow</li> </ul>	<ul style="list-style-type: none"> <li>High Impact Resistance</li> <li>High Rigidity</li> </ul>
Uses	<ul style="list-style-type: none"> <li>Automotive Applications</li> </ul>	<ul style="list-style-type: none"> <li>Automotive Instrument Panel</li> </ul>	<ul style="list-style-type: none"> <li>Automotive Interior Parts</li> </ul>
Processing Method	<ul style="list-style-type: none"> <li>Injection Molding</li> </ul>		

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density (73°F)	1.00	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	33	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	2900	psi	ISO 527-2
Flexural Modulus	290000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-22°F	2.9	ft-lb/in <sup>2</sup>	
73°F	24	ft-lb/in <sup>2</sup>	
Instrumented Dart Impact <sup>2</sup>			ASTM D3763
-22°F, 0.126 in, Ductile Failure	212	in-lb	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	221	°F	ISO 75-2/B

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 21.7 ft/sec