

Hostacom TRC 787N 103H

LyondellBasell Industries - Polypropylene

General Information

Product Description

Hostacom TRC 787N 103H high melt flow, 1,800 MPa flexural modulus, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of processability, rigidity, and impact and scratch and mar resistance. It is typically used for molded-in color automotive instrument panels.

General

Features	<ul style="list-style-type: none"> • Good Colorability • Good Flow • Good Moldability 	<ul style="list-style-type: none"> • Good Scratch Resistance • High Impact Resistance • High Stiffness 	<ul style="list-style-type: none"> • 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 (73°F)	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	21	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 73°F)	3050	psi	ISO 527-2
Flexural Modulus (73°F)	261000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-22°F	3.0	ft·lb/in ²	
73°F	33	ft·lb/in ²	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	217	°F	ISO 75-2/B