



# Hostacom ERC 450N NA PG05 Black

LyondellBasell Industries - Polypropylene

## General Information

### Product Description

Hostacom ERC 450N NA PG05 Black is a high stiffness, scratch resistant, mineral-filled thermoplastic elastomeric olefin (TEO) resin that is typically used for automotive interior applications.

### General

Features	<ul style="list-style-type: none"> <li>• Good Scratch Resistance</li> <li>• High Stiffness</li> </ul>
Uses	<ul style="list-style-type: none"> <li>• Automotive Applications</li> <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	0.980	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 73°F)	3340	psi	ISO 527-2/50
Flexural Modulus (73°F)	290000	psi	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (73°F)	3.3	ft·lb/in <sup>2</sup>	ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	219	°F	ISO 75-2/B