

Technical Data Sheet

Hostacom ERC 450N NA PG05 Black



Polypropylene Compounds

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.

Regulatory Status

For regulatory compliance information, see *Hostacom* ERC 450N NA PG05 Black [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Application	Automotive Parts; Interior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	High Stiffness; Scratch Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	25	g/10 min	ISO 1133-1
Density	0.98	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	2000	MPa	ISO 178
Tensile Stress at Yield, (23 °C, 50 mm/min)	23	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched, (23 °C)	7.0	kJ/m ²	ISO 179
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	104	°C	ISO 75B-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			