

Technical Data Sheet

Hostacom ERC 1218N Natural

Polypropylene Compounds

Product Description

Hostacom ERC 1218N Natural is a 8% mineral filled, polypropylene copolymer for injection molding. It combines low density with excellent stiffness, scratch resistance, flowability, good impact and dimensional stability. It is typically used for molding of automotive interior trim parts.

Status	Commercial: Active
Availability	North America
Application	Automotive Parts; Interior Automotive Applications
Market	Automotive
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	21	g/10 min	ASTM D1238
Density, (23 °C)	0.95	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	2100	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	27	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C)	5	kJ/m ²	ISO 179
(-30 °C)	2.5	kJ/m ²	ISO 179
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	105	°C	ISO 75B-1, -2
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			

Notes

These are typical property values not to be construed as specification limits.