

Hostacom ERC 1122N

Compounded Polyolefin

Product Description

Hostacom ERC 1122N is a 15% mineral filled, polypropylene copolymer for injection molding. It combines excellent stiffness, scratch resistance and flowability with good impact and dimensional stability. The grade has been specifically designed for molding of automotive interior trim parts.

Product Characteristics

Status	Development
Test Method used	ISO
Processing Methods	Injection Molding
Features	Good Dimensional Stability, Good Impact Resistance , Scratch Resistant, High Stiffness
Typical Customer Applications	Interior Applications

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	15	g/10 min
Density	ISO 1183	1.01	g/cm ³
Mechanical			
Tensile Stress at Yield (23°C)	ISO 527-1, -2	27	MPa
Flexural modulus (23°C)	ISO 178	2300	MPa
Impact			
Notched izod impact strength	ISO 180		
(-30°C)		3	kJ/m ²
(23°C)		8	kJ/m ²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	110	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	60	°C
Additional Information			
Mold shrinkage	ISO 294-4		
<i>Note: Please contact LyondellBasell for shrinkage recommendations.</i>			

Notes

Typical properties; not to be construed as specifications.

