



## Hostacom ERC 1218N

### Compounded Polyolefin

#### Product Description

Hostacom ERC 1218N 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. The grade has been specifically designed for molding of automotive interior trim parts.

#### Product Characteristics

Status	Development
Test Method used	ISO
Availability	North America
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
<b>Physical</b>			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	21	g/10 min
Density	ISO 1183	0.95	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield (23°C)	ISO 527-1, -2	27	MPa
Flexural modulus (23°C)	ISO 178	2100	MPa
<b>Impact</b>			
Charpy notched impact strength	ISO 179		
(-30°C)		2.5	kJ/m <sup>2</sup>
(23°C)		5	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	105	°C
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		
Note: Please contact LyondellBasell for shrinkage recommendations.			

#### Notes

Typical properties; not to be construed as specifications.