



## 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

<b>Status</b>	Development
<b>Test Method used</b>	ISO
<b>Availability</b>	North America
<b>Processing Methods</b>	Injection Molding
<b>Features</b>	Good Dimensional Stability, Good Impact Resistance , Scratch Resistant, High Stiffness
<b>Typical Customer Applications</b>	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		
<i>Note: Please contact LyondellBasell for shrinkage recommendations.</i>			

#### Notes

Typical properties: not to be construed as specifications.