

Technical Data Sheet

**Hostacom ERC 1122N NATURAL**



Polypropylene Compounds

**Product Description**

Hostacom ERC 1122N NATURAL is a 15% mineral filled, polypropylene copolymer for injection molding. It combines excellent stiffness, scratch resistance and flowability with good impact and dimensional stability. It is typically used for molding of automotive interior trim parts.

<b>Application</b>	Interior Automotive Applications
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	15	g/10 min	ASTM D1238
Density, (23 °C)	1.01	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Flexural Modulus, (23 °C)	2380	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	28	MPa	ISO 527-1, -2
<b>Impact</b>			
Charpy Impact Strength - Notched			
(23 °C)	7.0	kJ/m <sup>2</sup>	ISO 179
(-30 °C)	2.5	kJ/m <sup>2</sup>	ISO 179
<b>Thermal</b>			
Deflection Temperature Under Load			
(0.45 MPa, Unannealed)	110	°C	ISO 75B-1, -2
(1.80 MPa, Unannealed)	60	°C	ISO 75A-1, -2
<b>Additional Information</b>			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			