

## Hostacom ERC 161Y

### Compounded Polyolefin

#### Product Description

Hostacom ERC 161Y is a 15% mineral filled, polypropylene copolymer compound for injection molding. The grade is designed for fully painted applications, primarily for automotive interior trim parts. It combines excellent stiffness with good impact, flowability properties, and good dimensional stability.

#### Product Characteristics

Status	Development
Test Method used	ISO
Processing Methods	Injection Molding
Features	Good Dimensional Stability, Good Flow, Good Impact Resistance , 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	16	g/10 min
Density	ISO 1183	1.01	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	2400	MPa
<b>Impact</b>			
Charpy notched impact strength	ISO 179		
(-30°C)		3	kJ/m <sup>2</sup>
(23°C)		6	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	63	°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.

