

## Hostacom TRC 160N

### Compounded Polyolefin

#### Product Description

Hostacom TRC 160N is a 15% mineral filled, polypropylene copolymer for injection molding. It combines excellent stiffness/impact balance, good scratch resistance, low odor and excellent flowability properties with good dimensional stability. The grade has been specifically designed for molding of automotive interior trim parts. The grade is available in color-matched, pellet form.

#### Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Processing Methods	Injection Molding
Features	Scratch Resistant, Good Stiffness
Typical Customer Applications	Interior Applications

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density	ISO 1183	1.01	g/cm <sup>3</sup>
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	14	g/10 min
<b>Mechanical</b>			
Tensile Modulus (Secant)	ISO 527-1, -2	1750	MPa
Tensile Stress at Yield (50 mm/min)	ISO 527-1, -2	18	MPa
<b>Impact</b>			
Charpy notched impact strength	ISO 179		
(23 °C, Type 1, Edgewise, Notch A)		45	kJ/m <sup>2</sup>
(-30 °C, Type 1, Edgewise, Notch A)		4.5	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	90	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	53	°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.

