



## Hostacom TRC 787N

### Compounded Polyolefin

#### Product Description

Hostacom TRC 787N high melt flow, 1,850 MPa flexural modulus, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of processability, rigidity, and impact and scratch and mar resistance. It was designed primarily for molded-in color automotive instrument panels.

#### 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 Colorability, Good Flow, Low Gloss, High Impact Resistance , Good Moldability , Scratch Resistant, High Stiffness
<b>Typical Customer Applications</b>	Instrument Panels

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	21	g/10 min
Density (23°C)	ISO 1183	1.04	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	19	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	7	%
Flexural modulus (23 °C)	ISO 178	1850	MPa
<b>Impact</b>			
Notched izod impact strength	ISO 180		
(- 30 °C)		6.6	kJ/m <sup>2</sup>
(23 °C)		48	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	103	°C
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		
<i>Note:</i> Please contact Basell for shrinkage recommendations.			

#### Notes

Typical properties; not to be construed as specifications.