



## Hostacom TRC 483N NA

### Compounded Polyolefin

#### Product Description

Hostacom TRC 483N NA medium high melt flow, 1,700 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, high impact interior applications such as seamless airbag (laser scored) instrument panels, instrument panel components, and other interior trim applications.

#### Product Characteristics

**Test Method used** ISO

**Processing Methods** Injection Molding

**Features** Good Colorability, Good Flow, Low Gloss, High Impact Resistance, Good Moldability, Scratch Resistant, High Stiffness

**Typical Customer Applications** Instrument Panels, Interior Applications

#### Typical Properties

	Method	Value	Unit
<b>Physical</b>			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	13.5	g/10 min
Density (23°C)	ISO 1183	1.02	g/cm <sup>3</sup>
<b>Mechanical</b>			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	18.5	MPa
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	9	%
Flexural modulus (23 °C)	ISO 178	1700	MPa
<b>Impact</b>			
Charpy notched impact strength	ISO 179		
(-40°C)		6	kJ/m <sup>2</sup>
(23°C)		65	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	52	°C
CLTE, Flow (-30°C to +100°C)	ISO 11359-1, -2	5.2 E-5	mm/mm/°C
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		