



## 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

|                                      |  |
|--------------------------------------|--|
| <b>Status</b>                        | Commercial: Restricted   |
| <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, 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       |         |                   |
| <i>Note:</i> Please contact LyondellBasell for shrinkage recommendations. |                 |         |                   |

#### Notes

Typical properties; not to be construed as specifications.