

## 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

|                               |                                                                                                                        |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Status                        | Development                                                                                                            |
| Test Method used              | ISO                                                                                                                    |
| Availability                  | North America                                                                                                          |
| 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                                                                                                      |

| 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     |       |                   |
| Note: Please contact Basell for shrinkage recommendations. |               |       |                   |

#### Notes

Typical properties; not to be construed as specifications.

