



## Hostacom TYC712N

### Compounded Polyolefin

#### Product Description

Hostacom TYC712N high melt flow, 1,900 MPa flexural modulus, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of processability, rigidity, and impact resistance. It was designed for assorted automotive interior trim components.

#### Product Characteristics

|                                      |                                                                       |
|--------------------------------------|-----------------------------------------------------------------------|
| <b>Status</b>                        | Commercial: Active                                                    |
| <b>Test Method used</b>              | ISO                                                                   |
| <b>Processing Methods</b>            | Injection Molding                                                     |
| <b>Features</b>                      | High Flow , Good Impact Resistance , Good Moldability , High Rigidity |
| <b>Typical Customer Applications</b> | Interior Applications                                                 |

| Typical Properties                                                | Method        | Value | Unit              |
|-------------------------------------------------------------------|---------------|-------|-------------------|
| <b>Physical</b>                                                   |               |       |                   |
| Density                                                           | ISO 1183      | 1.03  | g/cm <sup>3</sup> |
| Melt flow rate (MFR) (230°C/2.16Kg)                               | ISO 1133      | 25    | g/10 min          |
| <i>Note: Alternative test method is ASTM D 1238-01.</i>           |               |       |                   |
| <b>Mechanical</b>                                                 |               |       |                   |
| Tensile Stress at Yield                                           | ISO 527-1, -2 | 23    | MPa               |
| Tensile Strain at Yield                                           | ISO 527-1, -2 | 5     | %                 |
| Flexural modulus                                                  | ISO 178       | 1900  | MPa               |
| <b>Impact</b>                                                     |               |       |                   |
| Notched izod impact strength                                      | ISO 180       | 34    | kJ/m <sup>2</sup> |
| <b>Thermal</b>                                                    |               |       |                   |
| Heat deflection temperature B (0.45 MPa) Unannealed               | ISO 75B-1, -2 | 109   | °C                |
| <b>Additional Information</b>                                     |               |       |                   |
| Mold shrinkage                                                    | ISO 294-4     |       |                   |
| <i>Note: Please contact Basell for shrinkage recommendations.</i> |               |       |                   |

#### Notes

Typical properties; not to be construed as specifications.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

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Users should review the applicable Material Safety Data Sheet before handling the product.

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