



## Hostacom TKC734N

### Compounded Polyolefin

#### Product Description

Hostacom TKC734N medium high melt flow, 1,100 MPa flexural modulus, natural, mineral-filled, high impact thermoplastic elastomeric olefin (TEO) resin has an excellent balance of stiffness, impact resistance and processability. It was designed primarily for automotive interior components that demand a high level of performance.

#### Product Characteristics

|                               |                                                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------------------------|
| Test Method used              | ISO                                                                                                   |
| Processing Methods            | Injection Molding                                                                                     |
| Features                      | Good Colorability, Medium Flow, Low Temperature Impact Resistance, Good Moldability , Medium Rigidity |
| Typical Customer Applications | Automotive Parts, Interior Applications                                                               |

| Typical Properties                                  | Method        | Value | Unit              |
|-----------------------------------------------------|---------------|-------|-------------------|
| <b>Physical</b>                                     |               |       |                   |
| Density                                             | ISO 1183      | 0.92  | g/cm <sup>3</sup> |
| Melt flow rate (MFR) (230°C/2.16Kg)                 | ISO 1133      | 14    | g/10 min          |
| Note: Alternative test method is ASTM D 1238-01.    |               |       |                   |
| <b>Mechanical</b>                                   |               |       |                   |
| Tensile Stress at Yield                             | ISO 527-1, -2 | 17    | MPa               |
| Tensile Strain at Yield                             | ISO 527-1, -2 | 11    | %                 |
| Flexural modulus                                    | ISO 178       | 1100  | MPa               |
| <b>Impact</b>                                       |               |       |                   |
| Notched izod impact strength                        | ISO 180       |       |                   |
| (23 °C)                                             |               | 56    | kJ/m <sup>2</sup> |
| (-30 °C)                                            |               | 54    | kJ/m <sup>2</sup> |
| <b>Thermal</b>                                      |               |       |                   |
| Heat deflection temperature B (0.45 MPa) Unannealed | ISO 75B-1, -2 | 85    | °C                |
| Heat deflection temperature A (1.80 MPa) Unannealed | ISO 75A-1, -2 | 56    | °C                |
| <b>Additional Information</b>                       |               |       |                   |
| Mold shrinkage                                      | ISO 294-4     |       |                   |