# *Hostacom* DB273A

**Compounded Polyolefin**

## Product Description

*Hostacom* DB273A high melt flow, 2,200 MPa flexural modulus, natural, mineral-filled thermoplastic elastomeric olefin (TEO) resin has and excellent balance of properties and processability. It was designed for a wide variety of automotive interior trim components.

## Product Characteristics

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|---|---|
| **Test Method used** | ISO |
| **Processing Methods** | Injection Molding |
| **Features** | Good Dimensional Stability, High Flow , Good Impact Resistance , Good Moldability , High Rigidity |
| **Typical Customer Applications** | Automotive Parts, Instrument Panels, Interior Applications |

| Typical Properties | Method | Value | Unit |
|---|---|---|---|
| **Physical** | | | |
| Density | ISO 1183 | 1.03 | g/cm³ |
| Melt flow rate (MFR) (230°C/2.16Kg) | ISO 1133 | 30 | g/10 min |
| *Note*: Alternative test method is ASTM D 1238-01. | | | |
| **Mechanical** | | | |
| Tensile Stress at Yield | ISO 527-1, -2 | 24 | MPa |
| Tensile Strain at Yield | ISO 527-1, -2 | 5 | % |
| Flexural modulus | ISO 178 | 2200 | MPa |
| **Impact** | | | |
| Notched izod impact strength | ISO 180 | | |
| (23 °C) | | 33 | kJ/m² |
| (-30 °C) | | 3.9 | kJ/m² |
| **Thermal** | | | |
| Heat deflection temperature B (0.45 MPa) Unannealed | ISO 75B-1, -2 | 118 | °C |
| Heat deflection temperature A (1.80 MPa) Unannealed | ISO 75A-1, -2 | 68 | °C |
| CLTE, Flow | ISO 11359-1, -2 | 6.2 x 10-5 | cm/cm/°C |