# *Hostacom* TKC710N

**Compounded Polyolefin**

## Product Description

*Hostacom* TKC710N medium melt flow, 1,800 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 and painted automotive instrument panels that require high durability.

## Product Characteristics

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|---|---|
| **Status** | Commercial: Active |
| **Test Method used** | ISO |
| **Processing Method** | Injection Moulding |
| **Features** | Flow, Medium, Impact Resistance, High, Moldability, Good, Paintable, Rigidity, High |
| **Typical Customer Applications** | Instrument Panels, Automotive Parts |

| Typical Properties | Method | Value | Unit |
|---|---|---|---|
| **Physical** | | | |
| Density | ISO 1183 | 1.01 | g/cm³ |
| Melt flow rate (MFR) (230°C/2.16Kg) | ISO 1133 | 10 | 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 | 6 | % |
| Flexural modulus | ISO 178 | 1800 | MPa |
| **Impact** | | | |
| Notched izod impact strength | ISO 180 | | |
| (23 °C) | | 40 | kJ/m² |
| (-40 °C) | | 2.5 | kJ/m² |
| **Thermal** | | | |
| Heat deflection temperature B (0.45 MPa) Unannealed | ISO 75B-1, -2 | 110 | °C |
| Heat deflection temperature A (1.80 MPa) Unannealed | ISO 75A-1, -2 | 65 | °C |
| **Additional Information** | | | |
| Mold shrinkage | ISO 294-4 | | |
| *Note*: Please contact Basell for shrinkage recommendations. | | | |

## Notes

Typical properties; not to be construed as specifications.