



## Hostacom TKC717D

### Compounded Polyolefin

#### Product Description

This information has been secured during the course of product development. Both the product and its properties are subject to change before final commercialization.

Hostacom TKC717D medium melt flow, 2,200 MPa flexural modulus, precolored, UV-stabilized, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent balance of stiffness, impact resistance and processability. It was designed primarily for automotive interior applications that require high durability.

#### Product Characteristics

<b>Test Method used</b>	ISO
<b>Processing Methods</b>	Injection Molding
<b>Features</b>	Good Dimensional Stability, High Impact Resistance , Good Moldability , High Rigidity , Scratch Resistant, Good Weather Resistance
<b>Typical Customer Applications</b>	Instrument Panels

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density	ISO 1183	1.05	g/cm <sup>3</sup>
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	12	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	22	MPa
Tensile Strain at Yield	ISO 527-1, -2	6	%
Flexural modulus	ISO 178	2200	MPa
<b>Impact</b>			
Notched izod impact strength (23 °C)	ISO 180	43	kJ/m <sup>2</sup>
<b>Thermal</b>			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	105	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	59	°C
CLTE, Flow	ISO 11359-1, -2	4.1 x 10 <sup>-5</sup>	cm/cm/°C
<i>Note: Determined over a temperature range of -30°C to 100°C. Alternative test method is ASTM E 228-95.</i>			
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		