



## Hostacom TKC717N

### Compounded Polyolefin

#### Product Description

Hostacom TKC717N medium melt flow, 2,200 MPa flexural modulus, precolored, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent combination of stiffness, impact resistance and processability. It was designed primarily for automotive interior applications that require high durability.

UV-stabilized, precolored versions are also available as Hostacom TKC717D.

#### Product Characteristics

<b>Test Method used</b>	ISO
<b>Processing Methods</b>	Injection Molding
<b>Features</b>	Medium Flow, High Impact Resistance , Good Moldability , High Rigidity , Scratch Resistant
<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
<b>Additional Information</b>			
Mold shrinkage	ISO 294-4		