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

Status	Commercial: Proprietary
Test Method used	ISO
Processing Methods	Injection Molding
Features	Good Dimensional Stability, High Impact Resistance , Good Moldability , High Rigidity , Scratch Resistant, Good Weather Resistance
Typical Customer Applications	Instrument Panels

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	1.05	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	12	g/10 min
Note: Alternative test method is ASTM D 1238-01.			
Mechanical			
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
Impact			
Notched izod impact strength (23 °C)	ISO 180	43	kJ/m²
Thermal			
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 10-5	cm/cm/°C
Note: Determined over a temperature range of -30°C to 100°C. Alternative test method is ASTM E 228-95.			
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact Basell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.