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

Status	Commercial: Proprietary
Test Method used	ISO
Processing Methods	Injection Molding
Features	Medium Flow, High Impact Resistance , Good Moldability , High Rigidity , Scratch Resistant
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
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact Basell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.

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