Hostacom TKC 782N

Compounded Polyolefin

Product Description

Hostacom TKC 782N high melt flow, 1,100 MPa flexural modulus, natural, mineral-filled thermoplastic elastomeric olefin (TEO) resin has an excellent combination of properties and processability. It was designed for automotive interior components that require balanced impact and stiffness characteristics.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Methods	Injection Molding
Features	Good Colorability, High Flow , Low Temperature Impact Resistance, Good Moldability , Medium Rigidity
Typical Customer Applications	Interior Applications

Typical Properties	Method	Value	Unit
Physical			
Density	ISO 1183	0.96	g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	18	g/10 min
Note: Alternative test method is ASTM D 1238-01.			
Mechanical			
Tensile Stress at Yield	ISO 527-1, -2	16	MPa
Tensile Strain at Yield	ISO 527-1, -2	12	%
Flexural modulus	ISO 178	1100	MPa
Impact			
Notched izod impact strength	ISO 180		
(23 °C)		53	kJ/m²
(-30 °C)		35	kJ/m²
Thermal			
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	82	°C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	53	°C
Additional Information			
Mold shrinkage	ISO 294-4		
Note: Please contact Basell for shrinkage recommendations.			

Notes

Typical properties; not to be construed as specifications.