

Hostacom TKC451N

Compounded Polyolefin

Product Description

TKC451N is a very high scratch resistant high stiffness grade with good impact for interior automotive applications

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Method	Injection Molding
Features	Pleasing Surface Appearance, Good Impact Resistance , Good Moldability , Scratch Resistant, Good Stiffness
Typical Customer Applications	Interior Applications, Instrument Panels

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	1.00 g/cm ³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	16 g/10 min
Mechanical		
Flexural modulus	ISO 178	2000 MPa
Impact		
Notched izod impact strength	ISO 180	
(- 30 °C, Type 1, Notch A)		3 kJ/m ²
(23 °C, Type 1, Notch A)		20 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	108 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	53.0 °C
Vicat softening temperature	ISO 306	
(A50 (50°C/h 10N))		130 °C
(B50 (50°C/h 50N))		48.0 °C

Notes

Typical properties; not to be construed as specifications.