

Hostacom TKC 151P

Compounded Polyolefin

Product Description

TKC 151P is a high scratch resistant high stiffness grade with good impact for exterior automotive applications

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Processing Method	Injection Moulding
Features	Appearance, Pleasing Surface, Impact Resistance, Good, Moldability, Good, Scratch Resistant, Stiffness, Good
Typical Customer Applications	Exterior Applications

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.

