



Hifax TKC 805P E

Compounded Polyolefin

Product Description

Hifax TKC 805P E medium melt flow, 2500 MPa flexural modulus, precolored, UV-stabilized, mineral -filled thermoplastic elastomeric olefin (TPO) resin has a very good balance of properties. It was designed primarily for rigid automotive exterior applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Method	Injection Molding
Features	Good Impact Resistance , Good Moldability , Good Weather Resistance, High Stiffness
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1,15 g/cm ³
Melt volume flow rate (230 °C/ 2.16 kg g/10 min)	ISO 1133	13 g/10 min
Mechanical		
Flexural modulus	ISO 178	2500 MPa
Tensile stress at yield	ISO 527	19 MPa
Impact		
Charpy notched impact strength	ISO 179	
(-30°C)		3 kJ/m ²
(23°C)		35 kJ/m ²
Thermal		
Vicat softening temperature (Method A)	ISO 306	140 °C
Heat deflection temperature B	ISO 75/ASTM D 648	115 °C

Notes

Typical properties; not to be construed as specifications.

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Users should review the applicable Material Safety Data Sheet before handling the product.

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