

Hifax TKC 805P

Compounded Polyolefin

Product Description

Hifax TKC 805P medium melt flow, 2,500 MPa flexural modulus, precolored, UV-stabilized, mineral-filled, paintable thermoplastic elastomeric olefin (TEO) resin has a very good balance of properties. It was designed primarily for rigid automotive exterior applications.

Product Characteristics

Test Method used	ISO
Processing Methods	Injection Molding
Features	Good Impact Resistance , Good Moldability , High Stiffness, Good Weather Resistance
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value	Unit
Physical			
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	13	g/10 min
Density (23°C)	ISO 1183	1.15	g/cm ³
Mechanical			
Tensile Stress at Yield (23 °C)	ISO 527-1, -2	19	MPa
Tensile Strain at Break (23 °C)	ISO 527-1, -2	100	%
Tensile Strain at Yield (23 °C)	ISO 527-1, -2	4	%
Flexural modulus (23 °C)	ISO 178	2500	MPa
Impact			
Instrumented dart impact (23 °C)	ASTM D 3763	18	J
<i>Note: Ductile Failure Mode</i>			
Notched izod impact strength	ISO 180		
(- 30 °C)		3.9	kJ/m ²
(23 °C)		30	kJ/m ²

Additional Information

Mold shrinkage	ISO 294-4
<i>Note: Please contact Basell for shrinkage recommendations.</i>	

Notes

Typical properties; not to be construed as specifications.

