



Hifax TSOP EM7 BLACK

Compounded Polyolefin

Product Description

is a mineral filled polypropylene for injection moulding. It exhibits a superior balance of flowability, stiffness and impact. The product has a UV resistance designed for outdoor applications with good processability. This grade is available in custom colour, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Processing Method	Injection Moulding
Typical Customer Applications	Exterior Applications, Bumpers, Automotive Parts

Typical Properties	Method	Value Unit
Physical		
Density ()	ISO 1183	1,05 g/cm ³
Melt flow rate (MFR) (g/10 min)	ISO 1133	230° g/10 min C/2.16kg
Mechanical		
Flexural modulus (23 °C)	ISO 178	2100 MPa
Tensile Strength	ISO 527-1, -3	21 MPa
<i>Note: at yield</i>		
Impact		
Notched izod impact strength	ISO 180	
(-30 °C, Notch A)		8 kJ/m ²
(23 °C, Notch A)		50 kJ/m ²
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	115 °C
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	63 °C

