



Hifax TSOP EM1 G63083

Compounded Polyolefin

Product Description

Hifax TSOP EM1 G63083 is a mineral filled high impact polypropylene copolymer. The grade has been specifically designed for moulding large complex parts that require high impact as well as good stiffness.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Method	Injection Molding
Features	High Flow , High Impact Resistance , Paintable, Good Processability, Good Stiffness
Typical Customer Applications	Interior Applications, Exterior Applications, Bumpers

Typical Properties	Method	Value Unit
Physical		
Density (23°C)	ISO 1183	0.975 g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	27 g/10 min
Mechanical		
Tensile Stress at Yield (23 °C, 50 mm/min)	ISO 527-1, -2	17 MPa
Tensile Strain at Break (23 °C, 50 mm/min)	ISO 527-1, -2	> 100 %
Flexural modulus (23 °C, 2)	ISO 178	1200 MPa
Flexural Stress (23)	ISO 178	21 MPa
Impact		
Notched izod impact strength (23 °C, Type 1, Notch A)	ISO 180	> 40 kJ/m²
(- 30, Type 1, Notch A)		> 6 kJ/m²
Hardness		
Rockwell Hardness (R-Scale)	ISO 2039-2	> 58
Thermal		
Heat deflection temperature B (0.45 MPa) Unannealed	ISO 75B-1, -2	> 95 °C

Notes

Typical properties; not to be construed as specifications.

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- ┆ Basell Sales & Marketing Company B.V.
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Users should review the applicable Material Safety Data Sheet before handling the product.

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