



Hostacom TSOP EM5 G13012

Compounded Polyolefin

Product Description

Hostacom TSOP-EM5 G13012 is a high melt flow, UV stabilised, mineral filled polypropylene copolymer which exhibits high impact combined with excellent stiffness. The grade has been designed for large automotive applications such as instrument panels and interior trim.

Product Characteristics

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

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	1.04 g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	28 g/10 min
Mechanical		
Tensile Stress at Yield (23 °C, 50 mm/min)	ISO 527-1, -2	19 MPa
Tensile Strain at Break (23 °C, v = 50 mm/min)	ISO 527-1, -2	> 80 %
Flexural modulus (23 °C, 2)	ISO 178	1750 MPa
Flexural Stress (23)	ISO 178	31 MPa
Impact		
Notched izod impact strength (- 30 °C, Type 1, Notch A)	ISO 180	> 2 kJ/m²
(23 °C, Type 1, Notch A)		> 20 kJ/m²
Hardness		
Rockwell Hardness (R-Scale)	ISO 2039-2	> 76
Thermal		
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	57 °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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Release Date: 23 May 2006