



Hifax TYC 1123P E G14008

Compounded Polyolefin

Product Description

Hifax TYC 1123P E is a new high melt flow, low density, mineral filled polypropylene copolymer for injection moulding. It combines a very high flowability, low density, and good esthetics with an excellent impact/stiffness balance and very low CLTE. The grade is UV stabilised and has been specifically designed for moulding of large complex visible parts that require high impact strength as well as good stiffness. This grade is available in custom colour, pellet form.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	Europe
Processing Methods	Injection Molding
Features	Impact Copolymer, Low Density, Good Dimensional Stability, High Flow , Good Impact Resistance , Good Processability, Scratch Resistant, Good Stiffness , Good Surface Finish, UV Resistant
Typical Customer Applications	Bumpers, Exterior Applications

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	1.00 g/cm ³
Melt flow rate (MFR) (230 °C/ 2.16 kg)	ISO 1133	31 g/10 min
Mechanical		
Flexural modulus (23°C)	ISO 178	1550 MPa
Tensile stress at yield	ISO 527	17.4 MPa
Impact		
Notched izod impact strength	ISO 180	
(-30°C)		5.5 kJ/m ²
(23°C)		40 kJ/m ²
Thermal		
Heat deflection temperature A (1.80 MPa) Unannealed	ISO 75A-1, -2	50 °C
Vicat softening temperature B/50	ISO 306	45 °C

Notes

Typical properties; not to be construed as specifications.

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- ┆ Equistar Chemicals, LP
- ┆ Basell Sales & Marketing Company B.V.
- ┆ Basell Asia Pacific Limited
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Users should review the applicable Material Safety Data Sheet before handling the product.

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Release Date: 19 Nov 2013