



Hifax TYC 258X

Compounded Polyolefin

Product Description

"Hifax" TYC 258 X is a 28 % talcum reinforced, impact modified and non UV stabilized polypropylene copolymer for injection moulding. It combines an excellent flowability with a low coefficient of linear thermal expansion and very good processability for rocker panel applications. The grade has been specifically designed for moulding of large complex parts that require good dimensional stability. It suitable only for painted parts or parts have no UV exposure.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Features	High Flow , Impact Modified, Good Processability, Low Shrinkage
Typical Customer Applications	Exterior Applications

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	1.11 g/cm ³
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	18.0 MPa
Tensile Strain at Break (23 °C, 50 mm/min)	ISO 527-1, -2	180 %
Flexural modulus (23 °C, 2 mm/min)	ISO 178	1700 MPa
Impact		
Charpy unnotched impact strength (23 °C)	ISO 179	No Break kJ/m ²
Charpy notched impact strength	ISO 179	
(23 °C, Edgewise, Notch A)		35 kJ/m ²
(-30 °C, Edgewise, Notch A)		3.3 kJ/m ²

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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