

# Hifax TYC 258P

## Compounded Polyolefin

### Product Description

"Hifax" TYC 258 P is a 28 % talkum reinforced, impact modified and 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.

### Product Characteristics

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

Typical Properties	Method	Value Unit
Physical		
Density (Method A)	ISO 1183	1.11 g/cm <sup>3</sup>
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
Flexural modulus (23 °C, 2 mm/min)	ISO 178	1700 MPa
Impact		
Charpy unnotched impact strength (23 °C)	ISO 179	No Break kJ/m <sup>2</sup>
Charpy notched impact strength (23 °C, Edgewise, Notch A)	ISO 179	25 kJ/m <sup>2</sup>
(-30 °C, Edgewise, Notch A)		2.5 kJ/m <sup>2</sup>

### Notes

Typical properties; not to be construed as specifications.