

Technical Data Sheet

Hifax TYC 258P C4 C1V301



Polypropylene Compounds

Product Description

"Hifax" TYC 258P C4 is a 30 % 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.

This grade is not intended for medical, pharmaceutical, food and drinking water applications.

Status	Commercial: Active
Availability	Asia-Pacific
Application	Exterior Trim
Market	Automotive
Processing Method	Injection Molding
Attribute	Good UV Resistance; High Stiffness; Low Shrinkage

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	25	g/10 min	ISO 1133-1
Density, (23 °C)	1.15	g/cm ³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, 2 mm/min)	2300	MPa	ISO 178
Tensile Stress at Yield, (23 °C, 50 mm/min)	17	MPa	ISO 527-1, -2
Impact			
Charpy Impact Strength - Notched			
(23 °C, Type 1, Edgewise, Notch A)	35	kJ/m ²	ISO 179
(-30 °C, Type 1, Edgewise, Notch A)	3.5	kJ/m ²	ISO 179