

Hifax TYC 258X

Polypropylene Copolymer
LyondellBasell Industries

Message:

"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.

General Information			
Filler / Reinforcement	Talc,28% Filler by Weight		
Additive	Impact Modifier		
Features	Copolymer		
	Good Dimensional Stability		
	Good Processability		
	High Flow		
	Impact Modified		
	Low Shrinkage		
Uses	Automotive Applications		
	Automotive Exterior Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.11	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	27	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	18.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	180	%	ISO 527-2
Flexural Modulus ¹ (23°C)	1700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/eA
-30°C	3.3	kJ/m ²	
23°C	35	kJ/m ²	
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179
NOTE			
1.	2.0 mm/min		

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