Hifax TYC 1123P E C11538

Polypropylene Copolymer

LyondellBasell Industries

Message:

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.

General Information			
Filler / Reinforcement	Mineral		
Additive	UV Stabilizer		
Features	Good Dimensional Stability Good Impact Resistance Good Processability Good Stiffness Good Surface Finish Good UV Resistance High Flow Impact Copolymer Low Density Scratch Resistant		
Uses	Automotive Applications Automotive Bumper Automotive Exterior Parts		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.00	g/cm³	ISO 1183/A
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	31	g/10 min	ISO 1133
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress (Yield)	17.4	MPa	ISO 527-2
Flexural Modulus (23°C)	1550	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength			ISO 180
-30°C	5.5	kJ/m²	
23°C	40	kJ/m²	

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	50.0	°C	ISO 75-2/A
Vicat Softening Temperature	45.0	°C	ISO 306/B50

Recommended distributors for this material

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