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Technical Data Sheet

Polypropylene Compounds

Hifax TRC 277P S71638

7 max 1110 2771 07100

LYB LyondellBasell

Product Description

Hifax TRC 277P is a 15% mineral filled PP copolymer, with high melt flow rate, good impact/stiffness balance, improved surface appearance and excellent UV resistance. Formula is improved to offer better aspect, especially on tiger stripes. This material has been coloured to create a specific metallic effect.

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

Application Automotive Parts; Exterior Trim

Market Automotive

Processing Method Injection Molding

Attribute Good Abrasion Resistance; Good Color Stability; Good Processability; Good

Stiffness; Good Surface Finish; High Flow; Impact Modified; Mold-In-Colour Metallic

Effect; Pleasing Surface Appearance; Scratch Resistant; UV Resistant

	Nominal		
Typical Properties	Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ISO 1133-1
Density, (23 °C)	1.03	g/cm³	ISO 1183-1/A
Mechanical			
Flexural Modulus, (23 °C, Tech. A)	1700	MPa	ISO 178/A1
Impact			
Charpy Impact Strength - Notched, (23 °C)	20	kJ/m²	ISO 179-1/1eA
Thermal			
Deflection Temperature Under Load, (0.45 MPa, Unannealed)	95	°C	ISO 75B-1, -2