

Supol HR580

Polypropylene
LyondellBasell Industries

Message:

SUPOL HR580 is a high flow, mineral filled, polypropylene compound for injection molding. This grade is designed for painted bumper fascia applications.

General Information			
Filler / Reinforcement	Mineral		
Features	High Flow		
	High Impact Resistance		
	Medium Rigidity		
	Paintable		
Uses	Automotive Bumper		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	42	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	19.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	100	%	ISO 8986-2
Flexural Modulus (23°C)	1800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180
-30°C	6.5	kJ/m ²	
23°C	35	kJ/m ²	

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