lyondellbasell

SUPOL HR580

Advanced Polyolefin

Product Description

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

Product Characteristics

Status	Commercial: Active
Test Method used	ISO
Availability	North America
Processing Method	Injection Molding
Features	High Flow , High Impact Resistance , Medium Rigidity
Typical Customer Applications	Bumpers

Typical Properties	Method	Value Unit
Physical		
Density	ISO 1183	1.01 g/cm³
Melt flow rate (MFR) (230°C/2.16Kg)	ISO 1133	42 g/10 min
Mechanical		
Flexural modulus (23 °C)	ISO 178	1800 MPa
Tensile stress at yield	ISO 527	19.0 MPa
Tensile Elongation at Break (23 °C)	ISO 8986-2	100 %
Impact		
Notched izod impact strength	ISO 180	
(- 30 °C)		6.5 kJ/m²
(23 °C)		35 kJ/m²
Additional Information		
Mold shrinkage	ISO 294-4	
Note: Please contact LyondellBasell for shrinkage recommendations.		

Notes

Typical properties; not to be construed as specifications.

Further Information

SUPOL is a registered trademark of Hyundai Engineering Plastics, Korea Ltd.

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