

Technical Data Sheet

SUPOL HR580U BLACK



Polypropylene Compounds

Product Description

SUPOL HR580U BLACK is a high flow, mineral filled, UV-stabilized polypropylene compound for injection molding. This grade is typically used for molded-in-color bumper fascia applications.

Application	Automotive Parts; Bumpers
Market	Automotive
Processing Method	Injection Molding
Attribute	High Flow; High Impact Resistance; Medium Rigidity; UV Resistant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	42	g/10 min	ISO 1133-1
Density, (23 °C)	1.01	g/cm ³	ISO 1183-1
Mechanical			
Tensile Stress at Yield	20	MPa	ISO 527-1, -2
Flexural Modulus, (23 °C)	1900	MPa	ISO 178
Impact			
Notched Izod Impact Strength			
(23 °C)	35	kJ/m ²	ISO 180
(-30 °C)	6.5	kJ/m ²	ISO 180
Additional Information			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			