

## Technical Data Sheet

# SUPOL HR580 BLACK



Polypropylene Compounds

### Product Description

SUPOL HR580 BLACK is a high flow, mineral filled, polypropylene compound for injection molding. It is typically used for painted bumper fascia applications.

<b>Application</b>	Bumpers
<b>Market</b>	Automotive
<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	High Flow; High Impact Resistance; Medium Rigidity

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	42	g/10 min	ISO 1133-1
Density, (23 °C)	1.00	g/cm <sup>3</sup>	ISO 1183-1
<b>Mechanical</b>			
Tensile Stress at Yield	20	MPa	ISO 527-1, -2
Flexural Modulus, (23 °C)	1900	MPa	ISO 178
<b>Impact</b>			
Notched Izod Impact Strength			
(23 °C)	35	kJ/m <sup>2</sup>	ISO 180
(-30 °C)	6.5	kJ/m <sup>2</sup>	ISO 180
<b>Additional Information</b>			
Mold Shrinkage			ISO 294-4
Please contact LyondellBasell for shrinkage recommendations.			