

Technical Data Sheet

SUPOL HR920U 8001 BLACK



Polypropylene Compounds

Product Description

SUPOL HR920U 8001 BLACK is a mineral-filled, UV & scratch-resistant thermoplastic polyolefin (TPO) resin that is typically used for automotive exterior applications. Applicable Hyundai Motor Company Specification: MS220-04, Type B-2.

Application	Exterior Automotive Applications
Market	Automotive
Processing Method	Injection Molding
Attribute	Good Impact Resistance; High Flow; High Rigidity

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	22	g/10 min	ISO 1133-1
Density, (23 °C)	1.06	g/cm ³	ISO 1183-1
Mechanical			
Flexural Modulus, (23 °C)	1750	MPa	ISO 178
Tensile Stress at Yield, (23 °C)	18	MPa	ISO 527-1, -2
Impact			
Notched Izod Impact Strength			
(23 °C)	47	kJ/m ²	ISO 180
(-30 °C)	5	J/m	ISO 180
Additional Information			
Mold Shrinkage			ISO 294-4

Please contact LyondellBasell for shrinkage recommendations.