

Technical Data Sheet

Schulblend RNP38MU07BK-BK GAPEXBLK



Polyamide + PP

Product Description

Schulblend RNP38MU07BK-BK GAPEXBLK is a Polyamide + PP Glass Fiber, 39% filled material. Features include: High Heat Resistance.

Attribute	High Heat Resistance
Forms	Pellets
Filler/Reinforcement	Glass Fiber, 39%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.38	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (5.0 mm/min, 23 °C)	155	MPa	ASTM D638
Flexural Modulus, (2.0 mm/min, 23 °C, Tangent)	10400	MPa	ASTM D790
Tensile Elongation at Break, (5.0 mm/min, 23 °C)	3.0	%	ASTM D638
Impact			
Notched Izod Impact, (23 °C)	120	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	248	°C	ASTM D648
Injection Parameters			
Drying Temperature	82	°C	
Suggested Max Moisture	<0.20	%	
Nozzle Temperature	249 to 288	°C	
Processing (Melt) Temp	249 to 288	°C	
Front Temperature	249 to 288	°C	
Middle Temperature	249 to 282	°C	
Rear Temperature	249 to 282	°C	
Back Pressure	<0.689	MPa	
Mold Temperature	66 to 93	°C	