

Technical Data Sheet

Schulblend RNP38MU05BK-BK GAPEXBLK



Polyamide + PP

Product Description

Schulblend RNP38MU05BK-BK GAPEXBLK is a Polyamide + PP Glass Fiber, 38% filled material.

Forms

Pellets

Filler/Reinforcement

Glass Fiber, 38%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (275 °C/5.0 kg)	23	g/10 min	ASTM D1238
Density - Specific Gravity	1.38	g/cm ³	ASTM D792
Mechanical			
Tensile Strength, (23 °C)	159	MPa	ASTM D638
Flexural Modulus			
(23 °C, 1% Secant)	9000	MPa	ASTM D790
(23 °C, Tangent)	9310	MPa	ASTM D790
Tensile Elongation at Break, (23 °C)	4.5	%	ASTM D638
Flexural Strength, (23 °C)	236	MPa	ASTM D790
Impact			
Gardner Impact	0.904	J	ASTM D5420
Unnotched Izod Impact, (23 °C)	1100	J/m	ASTM D4812
Notched Izod Impact, (23 °C)	150	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	246	°C	ASTM D648