

Technical Data Sheet

Schulblend RNP23LB03BK-BK GAPEX HTBLK



Polyamide + PP

Product Description

Schulblend RNP23LB03BK-BK GAPEX HTBLK is a Polyamide + PP Glass Fiber, 23% filled material. Features include: High Heat Resistance.

Attribute	High Heat Resistance
Forms	Pellets
Filler/Reinforcement	Glass Fiber, 23%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (275 °C/5.0 kg)	43	g/10 min	ASTM D1238
Density - Specific Gravity	1.22	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (23 °C)	117	MPa	ASTM D638
Flexural Strength at Yield, (23 °C)	15.9	MPa	ASTM D790
Flexural Modulus			
(23 °C, 1% Secant)	5100	MPa	ASTM D790
(23 °C, Tangent)	5140	MPa	ASTM D790
Tensile Elongation at Break, (23 °C)	4.0	%	ASTM D638
Impact			
Gardner Impact	0.678	J	ASTM D5420
Unnotched Izod Impact, (23 °C)	1100	J/m	ASTM D4812
Notched Izod Impact, (23 °C)	110	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	191	°C	ASTM D648