

Technical Data Sheet

Gapex Ht RNP38MU07BK

Polyamide + PP
 LyondellBasell Industries
 Engineering Plastics

General	
Filler / Reinforcement	• Glass Fiber, 39% Filler by Weight
Features	• High Heat Resistance
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.38	1.38 g/cm ³	ASTM D792

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield, 73°F (23°C))	22400 psi	155 MPa	ASTM D638
Tensile Elongation ¹ (Break, 73°F (23°C))	3.0 %	3.0 %	ASTM D638
Flexural Modulus - Tangent ² (73°F (23°C))	1.51E+6 psi	10400 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	2.2 ft·lb/in	120 J/m	ASTM D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	478 °F	248 °C	ASTM D648

Notes
¹ 0.20 in/min (5.0 mm/min)
² 0.079 in/min (2.0 mm/min)

Notes
 These are typical property values not to be construed as specification limits.