

Technical Data Sheet

# Gapex FPP30GQ03HB TAN

Polypropylene  
LyondellBasell Industries  
Engineering Plastics

General	
Filler / Reinforcement	• Glass\Mineral, 31% Filler by Weight
Additive	• Impact Modifier
Features	• Chemically Coupled      • Impact Modified
Appearance	• Tan
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.14	1.14 g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	9.5 g/10 min	9.5 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (73°F (23°C))	4500 psi	31.0 MPa	ASTM D638
Tensile Elongation (Break, 73°F (23°C))	4.0 %	4.0 %	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 73°F (23°C)	342000 psi	2360 MPa	
Tangent : 73°F (23°C)	360000 psi	2480 MPa	
Flexural Strength (73°F (23°C))	7800 psi	53.8 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	0.80 ft·lb/in	43 J/m	ASTM D256
Unnotched Izod Impact (73°F (23°C))	4.0 ft·lb/in	210 J/m	ASTM D4812
Gardner Impact (73°F (23°C))	6.50 in·lb	0.734 J	ASTM D5420

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	290 °F	143 °C	
264 Psi (1.8 Mpa), Unannealed	210 °F	98.9 °C	

**Additional Information**  
Testing and measurements were performed at 73 +/-3°F and 50 +/-5% relative humidity unless otherwise noted.

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