

Technical Data Sheet

Gapex FPP30GQ11HB

Polypropylene
LyondellBasell Industries
Engineering Plastics

General			
Filler / Reinforcement	• Glass\Mineral, 30% Filler by Weight		
Additive	• Impact Modifier		
Features	• Chemically Coupled	• Impact Modified	
Appearance	• Grey		
Forms	• Pellets		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.15	1.15 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	10 g/10 min	10 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield, 73°F (23°C))	4900 psi	33.8 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)	366000 psi	2520 MPa	
Tangent : 73°F (23°C)	389000 psi	2680 MPa	
Flexural Strength (Yield, 73°F (23°C))	8000 psi	55.2 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	0.70 ft·lb/in	37 J/m	ASTM D256
Unnotched Izod Impact (73°F (23°C))	3.6 ft·lb/in	190 J/m	ASTM D4812
Gardner Impact	3.50 in·lb	0.395 J	ASTM D5420

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	287 °F	142 °C	
264 Psi (1.8 Mpa), Unannealed	212 °F	100 °C	

Additional Information			
Filler Content, ASTM D2584: 31%			

Notes

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