

Technical Data Sheet

Gapex RPP43EV01NA

Polypropylene Homopolymer
 LyondellBasell Industries
 Engineering Plastics

General			
Filler / Reinforcement	• Glass Fiber, 43% Filler by Weight		
Additive	• Impact Modifier		
Features	• Chemically Coupled	• Homopolymer	• Impact Modified
Appearance	• Natural Color		
Forms	• Pellets		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.25	1.25 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	8.5 g/10 min	8.5 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (73°F (23°C))	13400 psi	92.4 MPa	ASTM D638
Flexural Modulus - Tangent (73°F (23°C))	1.23E+6 psi	8480 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	2.9 ft·lb/in	150 J/m	ASTM D256

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed	307 °F	153 °C	ASTM D648

Notes

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