

Technical Data Sheet

Network Polymers Polyester NPP 60-2008 PETG

Polyethylene Terephthalate Glycol Comonomer

LyondellBasell Industries

Engineering Plastics

General			
Features	• Copolymer		
Appearance	• Clear/Transparent		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.27	1.27 g/cm ³	ASTM D792

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	7300 psi	50.3 MPa	ASTM D638
Tensile Elongation (Break)	140 %	140 %	ASTM D638
Flexural Modulus - Tangent ²	305000 psi	2100 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	1.9 ft·lb/in	100 J/m	ASTM D256
Instrumented Dart Impact	288 in·lb	32.5 J	ASTM D3763

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 Psi (1.8 Mpa), Unannealed, 0.125 In (3.18 Mm)	147 °F	63.9 °C	ASTM D648

Optical	Nominal Value (English)	Nominal Value (SI)	Test Method
Light Transmittance	89.0 %	89.0 %	ASTM D1003
Haze	0.500 %	0.500 %	ASTM D1003

Notes

¹ Type I, 2.0 in/min (51 mm/min)

² 0.050 in/min (1.3 mm/min)

Notes

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