

Technical Data Sheet

Network Polymers Polyester 60 3301

Thermoplastic Polyester
LyondellBasell Industries
Engineering Plastics

General			
Features	• Copolymer		
Appearance	• Clear/Transparent		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.39	1.39 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) ¹ (300°C/1.2 Kg)	120 g/10 min	120 g/10 min	ASTM D1238
Intrinsic Viscosity	0.74 dl/g	0.74 dl/g	ASTM D4603
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ² (Yield)	8600 psi	59.3 MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	41 %	41 %	
Flexural Modulus - Tangent ³	374000 psi	2580 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Gardner Impact (73°F (23°C))	> 320 in·lb	> 36.2 J	ASTM D5420
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
264 Psi (1.8 Mpa), Unannealed, 0.125 In (3.18 Mm)	141 °F	60.6 °C	

Notes

¹ Procedure A

² Type I, 2.0 in/min (51 mm/min)

³ 0.050 in/min (1.3 mm/min)

Notes

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