

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 <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) <sup>1</sup> (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 <sup>2</sup> (Yield)	8600 psi	59.3 MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	4.0 %	4.0 %	
Break	41 %	41 %	
Flexural Modulus - Tangent <sup>3</sup>	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 264 Psi (1.8 Mpa), Unannealed, 0.125 In (3.18 Mm)	141 °F	60.6 °C	ASTM D648

**Notes**

- <sup>1</sup> Procedure A
- <sup>2</sup> Type I, 2.0 in/min (51 mm/min)
- <sup>3</sup> 0.050 in/min (1.3 mm/min)

**Notes**

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