

Technical Data Sheet

Network Polymers Pc 1514 UV

Polycarbonate
LyondellBasell Industries
Engineering Plastics

General

- | | |
|----------|----------------|
| Additive | • Lubricant |
| Features | • UV Resistant |

Physical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.20	1.20 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) ¹ (300°C/1.2 Kg)	15 g/10 min	15 g/10 min	ASTM D1238

Mechanical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ² (Yield)	9000 psi	62.1 MPa	ASTM D638
Flexural Modulus ³	330000 psi	2280 MPa	ASTM D790B

Impact

	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	15 ft·lb/in	800 J/m	ASTM D256A

Hardness

	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	120	120	ASTM D785

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)	262 °F	128 °C	ASTM D648

- Notes**
- ¹ Procedure A
 - ² 2.0 in/min (51 mm/min)
 - ³ Method I (3 point load), 0.050 in/min (1.3 mm/min)

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