

Technical Data Sheet

Acculoy POL062L

Polycarbonate + PET
 LyondellBasell Industries
 Engineering Plastics

General

Forms • Pellets

Physical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.22	1.22 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 Kg)	13 g/10 min	13 g/10 min	ASTM D1238

Mechanical

	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	247000 psi	1700 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	8560 psi	59.0 MPa	
Break	8410 psi	58.0 MPa	
Tensile Elongation			ASTM D638
Yield	86 %	86 %	
Break	150 %	150 %	
Flexural Modulus	363000 psi	2500 MPa	ASTM D790
Flexural Strength	12600 psi	87.0 MPa	ASTM D790

Impact

	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	24 ft·lb/in	1300 J/m	ASTM D256

Hardness

	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	118	118	ASTM D785

Thermal

	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	261 °F	127 °C	
264 Psi (1.8 Mpa), Unannealed	223 °F	106 °C	

Notes

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