

Acculoy POL063L

Polycarbonate + PET
LyondellBasell Industries
Engineering Plastics

General			
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.21	1.21 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 Kg)	25 g/10 min	25 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	8700 psi	60.0 MPa	
Tensile Elongation			ASTM D638
Yield	68 %	68 %	
Break	150 %	150 %	
Flexural Modulus	363000 psi	2500 MPa	ASTM D790
Flexural Strength	12800 psi	88.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	19 ft·lb/in	1000 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	116	116	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	259 °F	126 °C	
264 Psi (1.8 Mpa), Unannealed	225 °F	107 °C	

Notes

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

