HK:+852-69575415 China GuangDong:+13538586433 ShangHai:+18816996168

Technical Data Sheet

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/cm³	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.