

Technical Data Sheet

Acculoy PCS003L

Polycarbonate + ASA
LyondellBasell Industries
Engineering Plastics

General			
Forms	• Pellets		
Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.16	1.16 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 Kg)	6.0 g/10 min	6.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	290000 psi	2000 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	8990 psi	62.0 MPa	
Break	7540 psi	52.0 MPa	
Tensile Elongation			ASTM D638
Yield	6.0 %	6.0 %	
Break	100 %	100 %	
Flexural Modulus	363000 psi	2500 MPa	ASTM D790
Flexural Strength	13600 psi	94.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	10 ft·lb/in	550 J/m	ASTM D256
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			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.