

Technical Data Sheet

Accucomp NY0750L

Polyamide 66
LyondellBasell Industries
Engineering Plastics

General

Forms • Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.14	1.14 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	435000 psi	3000 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	11900 psi	82.0 MPa	
Break	7250 psi	50.0 MPa	
Tensile Elongation			ASTM D638
Yield	5.0 %	5.0 %	
Break	100 %	100 %	
Flexural Modulus	435000 psi	3000 MPa	ASTM D790
Flexural Strength	16400 psi	113 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.71 ft·lb/in	38 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	121	121	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	356 °F	180 °C	
264 Psi (1.8 Mpa), Unannealed	149 °F	65.0 °C	
Melting Temperature	509 °F	265 °C	

Notes

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