

Technical Data Sheet

Accucomp PET008L

Polyethylene Terephthalate
LyondellBasell Industries
Engineering Plastics

General

Forms • Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.34	1.34 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	265000 psi	1830 MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	9140 psi	63.0 MPa	
Break	3340 psi	23.0 MPa	
Tensile Elongation			ASTM D638
Yield	5.0 %	5.0 %	
Break	15 %	15 %	
Flexural Modulus	401000 psi	2770 MPa	ASTM D790
Flexural Strength	12000 psi	83.0 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (0.125 In (3.18 Mm))	0.26 ft·lb/in	14 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	113	113	ASTM D785
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	151 °F	66.0 °C	
264 Psi (1.8 Mpa), Unannealed	145 °F	63.0 °C	

Notes

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