

Technical Data Sheet

Accucomp ACE092L

Acetal (POM) Copolymer
 LyondellBasell Industries
 Engineering Plastics

General	
Features	• Medium Viscosity
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.41	1.41 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 Kg)	9.0 g/10 min	9.0 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	8990 psi	62.0 MPa	ASTM D638
Tensile Elongation (Break)	60 %	60 %	ASTM D638
Flexural Modulus	384000 psi	2650 MPa	ASTM D790
Flexural Strength	13300 psi	92.0 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.2 ft·lb/in	65 J/m	ASTM D256

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Rockwell Hardness (R-scale)	80	80	ASTM D785

Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 Psi (0.45 Mpa), Unannealed	316 °F	158 °C	
264 Psi (1.8 Mpa), Unannealed	230 °F	110 °C	
Melting Temperature	329 °F	165 °C	

Notes

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