

ACCUCOMP™ ACE091L

Acetal (POM) Copolymer
LyondellBasell Industries

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Technical Data

Product Description

ACCUCOMP™ ACE091L is an Acetal (POM) Copolymer product. It is available in North America. Primary characteristic: high viscosity.

General

Material Status	• Commercial: Active
Literature ¹	• Technical Datasheet
Search for UL Yellow Card	• LyondellBasell Industries
Availability	• North America
Features	• High Viscosity
Forms	• Pellets

Physical

	Nominal Value Unit	Test Method
Density / Specific Gravity	1.41 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5 g/10 min	ASTM D1238

Mechanical

	Nominal Value Unit	Test Method
Tensile Strength (Yield)	61.0 MPa	ASTM D638
Tensile Elongation (Break)	65 %	ASTM D638
Flexural Modulus	2620 MPa	ASTM D790
Flexural Strength	90.0 MPa	ASTM D790

Impact

	Nominal Value Unit	Test Method
Notched Izod Impact	74 J/m	ASTM D256

Hardness

	Nominal Value Unit	Test Method
Rockwell Hardness (R-Scale)	78	ASTM D785

Thermal

	Nominal Value Unit	Test Method
Deflection Temperature Under Load		ASTM D648
0.45 MPa, Unannealed	158 °C	
1.8 MPa, Unannealed	110 °C	
Melting Temperature	165 °C	

Notes

¹ These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.

² Typical properties: these are not to be construed as specifications.

