

## Westlake Plastics Pomalux® Acetal Copolymer, Compression Molded

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Unreinforced

**Material Notes:**

Compression molded Pomalux is a high performance acetal copolymer with excellent mechanical, electrical, and wear properties. Pomalux has excellent dimensional stability even with complex geometries. As a bearing surface, it works well in dry and wet applications. Pomalux is FDA compliant. Information provided by Westlake Plastics.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Westlake-Plastics-Pomalux-Acetal-Copolymer-Compression-Molded.php](http://www.lookpolymers.com/polymer_Westlake-Plastics-Pomalux-Acetal-Copolymer-Compression-Molded.php)

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in <sup>3</sup>	ASTM D792
Water Absorption	0.20 %	0.20 %	ASTM D570; 24 hrs.

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	80	80	ASTM D7852
Tensile Modulus	2.62 GPa	380 ksi	ASTM D638
Flexural Modulus	2.55 GPa	370 ksi	ASTM D790
Izod Impact, Notched	0.801 J/cm	1.50 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	157 °C	315 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	104 °C	219 °F	ASTM D648
Flammability, UL94	HB @Thickness 1.52 mm	HB @Thickness 0.0600 in	

Electrical Properties	Metric	English	Comments
Dielectric Constant	3.8 @Frequency 1e+6 Hz	3.8 @Frequency 1e+6 Hz	ASTM D150

## Contact Songhan Plastic Technology Co.,Ltd.

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