

# LCA® 500P Type

Acetal (POM) Homopolymer

UniPlas, Inc.

## Message:

LCA® 500P Type is an Acetal (POM) Homopolymer material. It is available in North America for injection molding. Primary attribute of LCA® 500P Type: Homopolymer.

General Information			
Features	General Purpose		
	Homopolymer		
Uses	General Purpose		
Appearance	Black		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/1.05 kg)	5.0 to 7.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	74.5	MPa	
Break	64.8	MPa	
Tensile Elongation (Break)	44	%	ASTM D638
Flexural Modulus	3450	MPa	ASTM D790
Flexural Strength (Yield)	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	91	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	176	°C	ASTM D789

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Recommended distributors for this material

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