

# ACCUCOMP™ LD0109L

Low Density Polyethylene  
ACLO Compounders Inc.

Message:

ACCUCOMP™ LD0109L is a Low Density Polyethylene product. It is available in North America.

General Information			
Features	Low Density		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	50	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.6	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	40		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	320	MPa	ASTM D638
Tensile Strength			ASTM D638
Yield	10.0	MPa	
Break	8.00	MPa	
Tensile Elongation			ASTM D638
Yield	27	%	
Break	110	%	
Flexural Modulus	300	MPa	ASTM D790
Flexural Strength	9.00	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	45.0	°C	ASTM D648

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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