

ACCUCOMP™ GS0500L

General Purpose Polystyrene

ACLO Compounders Inc.

Message:

ACCUCOMP™ GS0500L is a General Purpose Polystyrene product. It is available in North America. Primary characteristic: impact resistant.

General Information			
Features	Low Temperature Impact Resistance		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2800	MPa	ASTM D638
Tensile Strength (Yield)	45.0	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	3000	MPa	ASTM D790
Flexural Strength	83.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	24	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	93.0	°C	
1.8 MPa, Unannealed	74.0	°C	

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