

Aclo Accucomp Polypropylene CPO425BAV Automotive Approved Copolymer Expandable Grade

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Blow Molding Grade

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Aclo-Accucomp-Polypropylene-CPO425BAV-Automotive-Approved-Copolymer-Expandable-Grade.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.016 cm/cm	0.016 in/in	MD; ASTM D955
Melt Flow	7.0 g/10 min	7.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	90	90	ASTM D785
Tensile Strength, Yield	25.0 MPa	3630 psi	ASTM D638
Elongation at Break	50 %	50 %	ASTM D638
Tensile Modulus	1.20 GPa	174 ksi	ASTM D638
Flexural Strength	34.5 MPa	5000 psi	ASTM D790
Flexural Modulus	1.20 GPa	174 ksi	ASTM D790
Izod Impact, Notched	0.427 J/cm	0.800 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	110 °C	230 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	57.8 °C	136 °F	
Flame Spread	25 mm/min	0.98 in/min	FMVSS

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