

Alcoa KAMA AgriHIPS 3500 AgriHIPS (discontinued **)

Category : Polymer , Thermoplastic , Polystyrene (PS)

Material Notes:

CapabilitiesGauge: .007" to .060" (178 to 1524µm)Width: 12" to 62" (304 to 1575mm)Core Size: 6" standard cores, 3" and 8" availableRoll O.D.: 29" standard, up to 40" availableSilicone coating available5 strategic manufacturing locationsPropertiesRecycled contentAgricultural and other non-FDA applicationsCost effective solutionExcellent yieldInformation provided by Alcoa Kama Co.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Alcoa-KAMA-AgriHIPS-3500-AgriHIPS-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	
Thickness	178 - 1520 microns	7.00 - 60.0 mil	
Linear Mold Shrinkage	0.0050 cm/cm	0.0050 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 10.3 MPa	>= 1500 psi	ASTM D638
Elongation at Break	>= 20 %	>= 20 %	ASTM D638
Flexural Modulus	>= 1.31 GPa	>= 190 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	73.9 °C	165 °F	
Minimum Service Temperature, Air	-17.8 °C	0.000 °F	

Processing Properties	Metric	English	Comments
Processing Temperature	127 - 166 °C	260 - 330 °F	Thermoforming Temp

Descriptive Properties	Value	Comments
Resistance to Acid	Good to Excellent	
Resistance to Alcohols	Good to Excellent	
Resistance to Alkalis	Excellent	
Resistance to Fat, Grease, and Oil	Good	
Resistance to Hydrocarbon Solvents	Poor	
Resistance to Strong Oxidizers	Poor	

Descriptive Properties	Value	Comments
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