

Alcoa KAMA Petwich-PET 4300 Petwich-PET (discontinued **)

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET)

Material Notes:

CapabilitiesGauge: .009" to .045" (229 to 1143 μm)Width: 12" to 48" (305 to 1219mm)Core size: 6" standard, 3" and 8" availableRoll O.D.: 29" standard, available up to 40"Recycled contentSilicone coating availableClear, custom translucent and opaque colors4 strategic manufacturing locationsPropertiesFDA acceptance for certain applicationsRecycled contentGood clarityExcellent surface qualityImproved economics for food content packingFor environmentally responsible packaging100% recyclableKosher materialInformation provided by Alcoa Kama Co.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Alcoa-KAMA-Petwich-PET-4300-Petwich-PET-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 g/cc	1.33 g/cc	
Viscosity Measurement	>= 0.66	>= 0.66	Intrinsic Viscosity; ASTM D3835
Thickness	356 - 1270 microns	14.0 - 50.0 mil	
Linear Mold Shrinkage	0.020 - 0.050 cm/cm	0.020 - 0.050 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	51.7 - 58.6 MPa	7500 - 8500 psi	ASTM D638
Elongation at Break	100 - 300 %	100 - 300 %	ASTM D638
Flexural Modulus	2.24 - 2.55 GPa	325 - 370 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	65.6 °C	150 °F	
Minimum Service Temperature, Air	-17.8 °C	0.000 °F	

Optical Properties	Metric	English	Comments
Haze	<= 4.0 %	<= 4.0 %	ASTM D1003
Transmission, Visible	>= 85 %	>= 85 %	ASTM D1003

Processing Properties	Metric	English	Comments
Processing Temperature	121 - 154 °C	250 - 310 °F	Thermoforming Temp

Descriptive Properties	Value	Comments
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Descriptive Properties	Value	Comments
Resistance to Acid	Good to Excellent	
Resistance to Alcohols	Good to Excellent	
Resistance to Alkalis	Fair to Good	
Resistance to Fat, Grease, and Oil	Good to Excellent	
Resistance to Hydrocarbon Solvents	Good to Excellent	
Resistance to Strong Oxidizers	Good to Excellent	
Yield, in ² /lb/mil	20810	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China