

## DAK Americas Array™ 9921M PET

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

### Material Notes:

**Product Description:** Array™ 9921M is unique copolymer particularly suited for use in the pharmaceutical and medical applications where clarity and gloss is desired. It is a medium intrinsic viscosity (IV) product that gives the end user superior processing and consistency. **Typical Properties:** Array™ 9921M offers excellent clarity and color, while maintaining good reheat characteristics for stretch blow molding. In addition it offers significantly reduced crystallization rates and a wide processing window. Array™ 9921M enables molding of thick walled parts while still retaining excellent clarity. It is capable of retaining properties under multiple sterilization processing techniques. **Certification:** Array™ 9921M is ideally suited for pharmaceutical and medical applications and is considered in compliance with the Food and Drug Administration (FDA) Food Contact Notification (FCN) 000635, USP Class VI and ISO 10993 Biocompatibility, US Pharmacopoeia and European Pharmacopoeia 3.1.15 and is supported via a Letter of Authorization for the FDA Drug Master File. Information provided by DAK Americas

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_DAK-Americas-Array-9921M-PET.php](http://www.lookpolymers.com/polymer_DAK-Americas-Array-9921M-PET.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.849 g/cc	0.0307 lb/in <sup>3</sup>	DAK-QAR-SOP-0018
Particle Size	3270 µm	3270 µm	Spherical Shape; DAK-QAR-SOP-0017
Particle Mesh Size	24 Mesh	24 Mesh	Fines: <0.05%, as packaged; DAK-QAR-SOP-0014
Viscosity Measurement	0.78 - 0.82	0.78 - 0.82	[dL/g], Intrinsic; DAK-QAR-SOP-0012
Crystallinity	>= 35 %	>= 35 %	DAK-QAR-SOP-0016

Thermal Properties	Metric	English	Comments
Melting Point	238 °C	460 °F	nominal; DAK-QAR-SOP-0016

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.25 %	<= 0.25 %	DAK-QAR-SOP-0013; as packaged

Descriptive Properties	Value	Comments
Chip Size	53-73 chips/g	nominal, DAK-QAR-SOP-0015
Color	>77.5 CIE	L*, BD-66060
	-1.2 - 1.8 CIE	b*, BD-66060
Compounds	<3 ppm	Acetaldehyde, DAK-QAR-SOP-0010

## **Contact Songhan Plastic Technology Co.,Ltd.**

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