

Eastman Aqua PJ003 PET

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

Material Notes:

Voridian Aqua PET PJ003 is a condensation polymer produced by a continuous melt-phase polymerization process followed by a solid-state polymerization process. This product is specifically designed for large water container applications. Applications/Uses Large water containers Water bottles

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eastman-Aqua-PJ003-PET.php

Physical Properties	Metric	English	Comments
Bulk Density	0.800 g/cc	0.0289 lb/in ³	Poured; ASTM D1895
	0.870 g/cc	0.0314 lb/in ³	Vibrated; ASTM D1895
Melt Density	1.20 g/cc	0.0434 lb/in ³	ASTM D1238
	@Temperature 285 °C	@Temperature 545 °F	
Viscosity Measurement	0.78 - 0.82	0.78 - 0.82	Intrinsic; VGAS-A-AN-G-V-1

Thermal Properties	Metric	English	Comments
Melting Point	240 °C	464 °F	Crystalline Peak Melting Point; ASTM D3418

Descriptive Properties	Value	Comments
Acetaldehyde	<1ppm	VKCA-A-AS-G-GC-0001
Color, CIE L*	77.8 min	VGAS-A-AN-G-RS-001
Fines, wt%, max	0.1	

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