

Eastman Aqua PJ002 PET

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

Material Notes:

Voridian Aqua thermoplastic polyesters are condensation polymers produced by a continuous melt-phase polymerization process followed by a solid-state polymerization process. Voridian Aqua polymer PJ002 is a clear copolymer with an I.V. of 0.8. Applications/Uses Water bottles

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eastman-Aqua-PJ002-PET.php

Physical Properties	Metric	English	Comments
Bulk Density	0.817 g/cc	0.0295 lb/in ³	ASTM D1895
Melt Density	1.20 g/cc @Temperature 285 °C	0.0434 lb/in ³ @Temperature 545 °F	ASTM D1238
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	<3ppm	VKCA-A-AS-G-GC-0001
Color, CIE a*	-2.5 ± 1.5	VGAS-A-AN-G-RS-001
Color, CIE b*	0.3 ± 1.5	VGAS-A-AN-G-RS-001
Color, CIE L*	77.5 MIN	VGAS-A-AN-G-RS-001
Fines, wt%, max	0.05	

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