

Eastman VersaTray 12822 Plastic (discontinued **)

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

Material Notes:

VersaTray plastic 12822 is a polyethylene terephthalate resin designed for use as a base resin for crystallized PET (CPET) food trays and other high temperature food packaging applications. CPET food packaging made from VersaTray plastic is dual ovenable, which means it can be used in either a microwave or a conventional oven. So it gives you the most heating and cooking flexibility. You can heat, bake, warm or brown your meal in either appliance. And, CPET trays are also freezable. Applications/Uses Crystallized PET (CPET) trays Dual ovenable containers Food packaging Food-contact applications Key Attributes Dual ovenable High temperature food packaging

Order this product through the following link:

http://www.lookpolymers.com/polymer_Eastman-VersaTray-12822-Plastic-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Bulk Density	0.800 g/cc	0.0289 lb/in ³	Poured; ASTM D1895
	0.855 g/cc	0.0309 lb/in ³	Vibrated; ASTM D1895
Density	1.40 g/cc	0.0506 lb/in ³	Crystalline Density; ASTM D1505
Melt Density	1.20 g/cc	0.0434 lb/in ³	ASTM D1238
	@Temperature 285 °C	@Temperature 545 °F	
Particle Size	2500 µm	2500 µm	Pellet Size
Viscosity Measurement	0.92 - 0.98	0.92 - 0.98	Intrinsic; VGAS-A-AN-G-V-1

Thermal Properties	Metric	English	Comments
Heat of Fusion	59.0 J/g	25.4 BTU/lb	ASTM E793
Specific Heat Capacity	1.10 J/g-°C	0.263 BTU/lb-°F	ASTM E1269
	1.30 J/g-°C	0.311 BTU/lb-°F	ASTM E1269
	@Temperature 80.0 °C	@Temperature 176 °F	
	1.40 J/g-°C	0.335 BTU/lb-°F	ASTM E1269
	@Temperature 100 °C	@Temperature 212 °F	
1.80 J/g-°C	0.430 BTU/lb-°F	ASTM E1269	
@Temperature 200 °C	@Temperature 392 °F		
2.00 J/g-°C	0.478 BTU/lb-°F	ASTM E1269	
@Temperature 280 °C	@Temperature 536 °F		
Melting Point	250 °C	482 °F	Crystalline Peak Melting Point; ASTM D3418

Descriptive Properties	Value	Comments
Acetaldehyde	<3ppm	VKCA-A-AS-G-GC-0001
Color, CIE a*	-2.7 ± 1.5	VGAS-A-AN-G-RS-001
Color, CIE b*	0.9 ± 1.5	VGAS-A-AN-G-RS-001
Color, CIE L*	75.5 min	VGAS-A-AN-G-RS-001
Fines, wt%, max	0.05	
Pellet Shape	Cubical	

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