

Artenius GLOBAL

Polyethylene Terephthalate

Artenius

Message:

Artenius GLOBAL is a copolymer of PET (Polyethylene-Terephthalate), delivered in resin pellets. It is suitable for stretch blow moulding in one or two stage processes, extrusion and film applications. Specially recommended for general uses in which the main requirement is the balance of optical and mechanical properties. It is particularly recommended for still or carbonated water, soft drinks, edible oil, food packaging and spirit drinks.

General Information	
Features	Copolymer
	Food Contact Acceptable
	General Purpose
Uses	Bottles
	Film
	Food Packaging
	General Purpose
Agency Ratings	EU 94/62/EC
	EU No 10/2011
Forms	Pellets
Processing Method	Extrusion
	Film Extrusion
	Stretch Blow Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	> 1.39	g/cm ³	
Apparent Density	0.84	g/cm ³	
Viscosity Number (Reduced Viscosity)	80.0 to 84.0	ml/g	ISO 1628
Acetaldehyde	< 1.0	ppm	ASTM F2013
Color b	< 1.00		ASTM D6290
Color L	> 84.0		ASTM D6290
Crystallinity	> 48	%	
Moisture	< 0.20	%	
Weight - of 20 Chips	320.0	mg	
Thermal	Nominal Value	Unit	
Melting Temperature	240 to 250	°C	
Extrusion	Nominal Value	Unit	
Drying Temperature	165 to 175	°C	
Drying Time	5.0 to 6.0	hr	

Melt Temperature	270 to 290	°C
NOTE		
1.	Crystalline	

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Recommended distributors for this material


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