

Artenius AQUA

Polyethylene Terephthalate

Artenius

Message:

Artenius AQUA is a copolymer of PET (Polyethylene-Terephthalate), delivered in resin pellets. It is suitable for the stretch blow moulding process in one or two stages. This resin has been specially conceived for still water packaging. It has the required mechanical strength, neutral colour tone, high transparency and makes it possible to obtain excellent organoleptic properties in the conversion process which this kind of package demands. It can also be used for other different non-carbonated beverage packaging.

General Information			
Features	Copolymer		
	Food Contact Acceptable		
	Good Organoleptic Properties		
	High Clarity		
Uses	Bottles		
	Food Packaging		
Agency Ratings	EU 94/62/EC		
	EU No 10/2011		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	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)	76.0 to 80.0	ml/g	ISO 1628
Acetaldehyde	< 1.0	ppm	ASTM F2013
Color b	< 1.00		ASTM D6290
Color L	> 85.0		ASTM D6290
Crystallinity	> 48	%	
Moisture	< 0.20	%	
Weight - of 20 Chips	320.0	mg	
Blow Molding Drying Temperature	165 to 175	°C	
Blow Molding Drying Time	5.0 to 6.0	hr	
Blow Molding Temperature	270 to 290	°C	
Thermal	Nominal Value	Unit	
Melting Temperature	240 to 250	°C	
NOTE			
1.	Crystalline		

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Recommended distributors for this material

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