

# Artenius FASTFLOW+

Polyethylene Terephthalate

Artenius

## Message:

Artenius FASTFLOW+ is a copolymer of PET (Polyethylene-Terephthalate) delivered in resin pellets. It is particularly suitable for two-stage stretch blow moulding processes. It has been specially developed for packaging of highly carbonated soft drinks.

Artenius FASTFLOW+ has excellent mechanical properties and will provide outstanding performance in blow moulding processing speed, with class-leading energy saving. In addition, it has been formulated to give a step-change enhancement in bottle aesthetics with visibly improved clarity compared to other competitive CSD reheat resins.

General Information			
Features	Copolymer		
	Food Contact Acceptable		
Uses	Bottles		
	Food Packaging		
Agency Ratings	EU 94/62/EC		
	EU No 10/2011		
Forms	Pellets		
Processing Method	Stretch Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity <sup>1</sup>	> 1.39	g/cm <sup>3</sup>	
Apparent Density	0.84	g/cm <sup>3</sup>	
Viscosity Number (Reduced Viscosity)	84.0 to 88.0	ml/g	ISO 1628
Acetaldehyde	< 1.0	ppm	ASTM F2013
Color b	< 1.00		ASTM D6290
Color L	> 78.0		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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