

# Artenius BRIGHT

Polyethylene Terephthalate

Artenius

## Message:

Artenius BRIGHT is a highly modified copolymer of PET (Polyethylene-Terephthalate), delivered in resin pellets. This resin has a very slow crystallization speed and is suitable for a wide range of general applications the main requirement of which is the even balance of optical and mechanical properties, such as: coated cardboards, displays, CD cases. It has a neutral tone colour and high transparency in thick cross sections.

General Information			
Features	Copolymer		
	Food Contact Acceptable		
	General Purpose		
	High Clarity		
Uses	Coating Applications		
	Displays		
	General Purpose		
Agency Ratings	EU 94/62/EC		
	EU No 10/2011		
Appearance	Clear/Transparent		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity <sup>1</sup>	> 1.37	g/cm <sup>3</sup>	
Apparent Density	0.84	g/cm <sup>3</sup>	
Viscosity Number (Reduced Viscosity)	59.0 to 63.0	ml/g	ISO 1628
Color b	< 0.00		ASTM D6290
Color L	> 75.0		ASTM D6290
Crystallinity	> 30	%	
Moisture	< 0.20	%	
Weight - of 20 Chips	320.0	mg	
Drying Temperature	150 to 160	°C	
Drying Time	5.0 to 6.0	hr	
Typical Molding Temperature	255 to 270	°C	
Thermal	Nominal Value	Unit	
Melting Temperature	230 to 240	°C	
NOTE			
1.	Crystalline		

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Recommended distributors for this material

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