

Artenius XCEL H

Polyethylene Terephthalate Glycol Comonomer

Artenius

Message:

Artenius XCEL H is a highly modified copolymer of PET (Polyethylene-Terephthalate), delivered in resin pellets. Artenius XCEL H belongs to the family of PET products commonly known as "PETG" (PET Glycol modified). It has been specially designed for use in the manufacture of different sized bottles and rigid containers by extrusion blow moulding, heavy gauge sheets and profiles by continuous extrusion. It has excellent clarity and high melt strength.

General Information	
Features	Copolymer
	Food Contact Acceptable
	Good Melt Strength
	High Clarity
Uses	Bottles
	Containers
	Profiles
	Sheet
Agency Ratings	EU 94/62/EC
	EU No 10/2011
Forms	Pellets
Processing Method	Extrusion
	Extrusion Blow Molding
	Profile Extrusion
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm ³	
Apparent Density	0.76	g/cm ³	
Viscosity Number (Reduced Viscosity)	82.0 to 86.0	ml/g	ISO 1628
Color b	< 1.00		ASTM D6290
Color L	> 64.0		ASTM D6290
Moisture	< 0.30	%	
Weight - of 20 Chips	320.0	mg	
Extrusion	Nominal Value	Unit	
Drying Temperature	65.0	°C	
Drying Time	6.0 to 8.0	hr	
Melt Temperature	190 to 250	°C	

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Recommended distributors for this material

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