

Artenius XCEL S

Polyethylene Terephthalate Glycol Comonomer

Artenius

Message:

Artenius XCEL S is a highly modified copolymer of PET (Polyethylene-Terephthalate), delivered in resin pellets. Artenius XCEL S 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 high performance thermo shrinkable films by extrusion. The material is easy to process, and provides excellent gloss, clarity and printability.

General Information	
Features	Copolymer
	Excellent Printability
	Food Contact Acceptable
	Good Processability
	High Clarity
	High Gloss
Uses	Film
	Shrink Wrap
Agency Ratings	EU 94/62/EC
	EU No 10/2011
Forms	Pellets
Processing Method	Extrusion
	Film Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	
Apparent Density	0.76	g/cm ³	
Viscosity Number (Reduced Viscosity)	78.0 to 82.0	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	60.0	°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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