

Artenius XCEL D

Polyethylene Terephthalate Glycol Comonomer

Artenius

Message:

Artenius XCEL D is a highly modified copolymer of PET (Polyethylene-Terephthalate), delivered in resin pellets. Artenius XCEL D belongs to the family of PET products commonly known as "PETG" (PET Glycol modified). It has been specially designed for injected moulded cosmetic packaging parts with thick walls or with sophisticated shapes that require a high mould filling capability. Its formulation contains demoulding agents that allow easy release.

General Information			
Additive	Mold Release		
Features	Copolymer		
	Food Contact Acceptable		
	Good Mold Release		
Uses	Cosmetic Packaging		
	Thick-walled Parts		
Agency Ratings	EU 94/62/EC		
	EU No 10/2011		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm ³	
Apparent Density	0.76	g/cm ³	
Viscosity Number (Reduced Viscosity)	70.0 to 74.0	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	
Injection	Nominal Value	Unit	
Drying Temperature	60.0	°C	
Drying Time	4.0 to 6.0	hr	
Processing (Melt) Temp	190 to 250	°C	

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Recommended distributors for this material

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