

OCTAL PET GP 01

Polyethylene Terephthalate

OCTAL Holding & Co.

Message:

OCTAL PET products are produced by the latest state-of-the-art technology involving 2R direct high I.V. process. This advanced technology ensures that the properties and quality of PET resin are superior with low crystallinity and low AA generation, thus making it the preferred product for a number of applications.

This is a food grade PET copolymer resin, most suitable for a variety of applications including water, carbonated soft drinks, alcoholic beverages, hot fill, oil containers and pharmaceutical material packaging. This resin is developed and engineered to extend high dimensional strength and mechanical properties. The low degree of crystallinity and heat of fusion are some of the great advantages of OCTAL PET GP 01 to save energy and regeneration of acetaldehyde during the downstream processing. Its application is also suitable for heat set blow molding used for warm fill materials.

OCTAL PET GP 01 copolymer resin is considered safe for food packaging applications based on all compliance to USA FDA regulation CFR 21 section 177.1630, EU regulation 10/2011, EC Directive 94/62/EC and the CONEG regulations (USA/CANADA) for heavy metal content.

General Information			
Features	Food Contact Acceptable		
	Good Dimensional Stability		
Uses	Bottles		
	Containers		
	Packaging		
	Pharmaceutical Packaging		
Agency Ratings	EU 10/2011		
	EU 94/62/EC		
	FDA 21 CFR 177.1630		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Acetaldehyde	< 1.0	ppm	Internal Method
Color b	< -0.500		Internal Method
Color L	> 84.0		Internal Method
Intrinsic Viscosity	0.78 to 0.82	dl/g	Internal Method
Moisture Content ¹	< 0.10	wt%	Internal Method
Weight ²	1.4 to 1.8	g	Internal Method
Fine Particles	< 100	ppm	Internal Method
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	245 to 249	°C	Internal Method
NOTE			
1.	when packed		
2.	100pcs chips		

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Recommended distributors for this material

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