

OCTAL PET SG 04

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 suitable for thick and thin PET sheet/film for a variety of applications such as water, carbonated soft drink, alcoholic beverages, hot fill, oil containers and pharmaceutical 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 SG 04 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 SG 04 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	Containers
	Film
	Pharmaceutical Packaging
	Sheet
Agency Ratings	EU 10/2011
	EU 94/62/EC
	FDA 21 CFR 177.1630
Processing Method	Blow Molding
	Film Extrusion
	Sheet Extrusion

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	0.80 to 0.84	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		

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