

# OCTAL PET WG 02

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 designed for the water container market. The low degree of crystallinity and heat of fusion provides clarity and results in energy savings and regeneration of acetaldehyde during the downstream processing. The low acetaldehyde content helps to retain aroma and color of the filled materials.

OCTAL PET WG 02 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	Flavor & Aroma Barrier		
	Food Contact Acceptable		
	High Clarity		
Uses	Bottles		
	Containers		
	Packaging		
	Pharmaceutical Packaging		
Agency Ratings	EU 10/2011		
	EU 94/62/EC		
	FDA 21 CFR 177.1630		
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	0.74 to 0.78	dl/g	Internal Method
Moisture Content <sup>1</sup>	< 0.10	wt%	Internal Method
Weight <sup>2</sup>	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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