

# Exelene® PET IV 84

Polyethylene Terephthalate

Montachem International, Inc.

## Message:

Applications:

Bottles for Carbonated Soft Drink. Food Containers

Characteristics:

The Exelene resin PET IV 84 meets the requirements of section 177.1630, paragraph C, from chapter 21 denominated "Olefin Polymers" from the Code of Federal Regulations of the FDA, to be utilized with direct food contact.

General Information	
Features	Food Contact Acceptable
Uses	Bottles Food Containers Food Service Applications Non-specific Food Applications
Agency Ratings	FDA 21 CFR 177.1630
Processing Method	Injection Blow Molding Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm <sup>3</sup>	ASTM D1505
Apparent Density	0.82 to 0.90	g/cm <sup>3</sup>	ASTM D1895
Water Absorption (Saturation)	< 0.30	%	Karl Fisher
Acetaldehyde	< 1.0	ppm	
Color b	< 1.00		
Intrinsic Viscosity	0.82 to 0.86	dl/g	ASTM D4603
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	241 to 245	°C	DSC

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