

VINPOL™ GP083

Polyethylene Terephthalate

VINPOL GP083 is a PET copolymer with excellent melting characteristics, a low crystallization rate and a broad processing window for stable injection and stretch blow molding. This product is suitable for 5 gallon bulk water containers or heavy gauge A-PET sheet. Its high brightness benefits cosmetic parts. This product complies with U.S. FDA 21 CFR 177.1630.

Resin Property	Typical Value	Units	Test Method
Intrinsic Viscosity	0.83 +/- 0.02	dl/g	ASTM D-4603
Moisture Content (when packed)	0.30 max.	wt %	Supplier Method
Acetaldehyde	1.0 max.	ppm	Supplier Method
Color CIE LAB L b	89.4 +/- 2.0 -0.1 +/- 1.0	-	ASTM E-1164
Melting Point	238 +/- 3	°C	Supplier Method
Fine Particles	100 max.	ppm	Supplier Method
Chip Size	128 +/- 3	g	Supplier Method
Ash Content	0.02 max.	%	Supplier Method
Acid Value	30 +/- 10	10 ⁻⁶ equ/g	Supplier Method
Bulk Density	0.89 +/- 0.05	g/cm ³	Supplier Method

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