

## VINPOL™ GP084S

### Polyethylene Terephthalate

**VINPOL GP084S** is a PET copolymer with  $\geq 40\%$  crystallinity and low acetaldehyde generation. It is designed for beverage, edible oil, and cosmetic containers. Other applications include thermoformable sheet extrusion used in food packaging containers as well as industrial strap extrusion. This product complies with U.S. FDA 21 CFR 177.1630. FDA extraction tests performed on this product indicate it is suitable for use in packaging, transporting or holding foods including alcoholic beverages at temperatures not to exceed 250 °F.

Resin Property	Typical Value	Units	Test Method
Intrinsic Viscosity	0.84	dl/g	ASTM D-4603
Moisture Content (when packed)	$\leq 2000$	ppm	Supplier Method
Acetaldehyde	$\leq 1.0$	ppm	ASTM F-2013
Color CIE LAB L b	$> 80.0$ $< 0.5$	-	ASTM D-6290
Melting Point	254	°C	ASTM D-3418
Crystallinity	$\geq 40$	%	ASTM D-3418

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