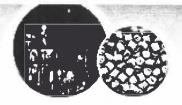


Gatronova PET Resin Specification Sheet



Polyester Bottle Grade Resin						
Properties	Unit	Test Method	Test Equipment	Novatex Specifications		
				A74 / A76	A 80	A 84
Intrinsic Viscosity (IV)	[dVg]	PV-07040.5a	Capillary Viscometer	0.76 ± 0.02a	0.80 ± 0.02a	0.85 ± 0.02a
DEG Content	%	PV-09040	Gas Chromatograph	≤ 1.5	≤ 1.5	≤ 1.5
Acetaldehyde (AA)	ppm	Cobarr 201/A 1	Gas Ovornatograph	< 1.0	< 1.0	< 1.0
Moisture Content	%	PV-07109.5	MEECO	0.4 Max	0.4 Max	0.4 Max
Melting Point (DSC)	[ီc]	PV-07089.2	Mettler DSC	247 ± 2	247 ± 2	247 ± 2
Color No. Hunter Lab	LH	PV-07136.1	BYK Gardener	≥ 83	≥ 83	≥ 83
Color No. Hunter Lab	*bн	PV-07136.1	BYK Gardener	0 ± 1.25	0 ± 1.25	0 ± 1.25
No. of Chips/gram	No.	Manual	-	61 ± 3	61 ± 3	61 ± 3

Specifications as per Zimmer test methods. Details of method can be provided upon request.

- ¹ As per Sinco method
- ^a IV is done according to PV-07040.5- Solvent is Phenol/Dicholobenzene using ubbelohde type 1(c) capillary viscometer at 25°C.
- ≤ read as less than or equal to
- ≥ read as greater than or equal to

The information and the data contained here is believed to be correct and there are FDA/EEC compliance certifications and other major food grade approvals available and can be provided upon request.



Technical Data Sheet

Colors and Additives for Plastics

Liquid White

Product # 11989F

Std. Lot #10095501

Customer: COLORCO, INC.

Resin: PET

Customer ID: WHITE

Address: 1261 W. ELIZABETH AVE.

LINDEN, NJ 07036

Usage %: 1.30

Wt./Gal.: 19.0

Regulatory: FDA

Additives: N/A

Carrier: Ester Type Plasticizer

Specification	Test Method	<u>Parameters</u>	
Appearance	Visual	Free-flowing liquid with no or minor separation of phases and free from mechanical impurities.	
Color Variance	Instrumental TM-02-014	Total color difference should not exceed 1.0 CIE Lab Units. (1.5 CIE Lab Units for Fluorescents).	
	Visual TM-02-014	No or minor visual color difference**	
Density (Wt./Gal.)	_TM-02-017*	Variance should not exceed +/- 5% of the standard	
Fineness of Pigment Dispersion (Grind)	TM-02-019*	Below 20 μm (6 or higher on Hegman Grind Gauge)	
Dynamic Viscosity	TM-02-016*	900-3500 cP (for transparent) 8000-13000 cP (for opaque) 1900-6000 cP (for Injecta Products) Other	
* Riverdale Color's inter		Climita antonom	

^{**} All comparisons are vs the approved sample of liquid colorant

OR-02-114 Revision: B 04/17/15

1 Walnut Street, Perth Amboy, NJ 08861 Tel: 732-376-9300 Fax: 732-376-9394 Web site: www.riverdalecolor.com

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