



Polyester Bottle Grade Resin

Properties	Unit	Test Method	Test Equipment	Novatex Specifications					
				A 74 / A 76	A 80	A 82	A 84	A 91	A 95
Intrinsic Viscosity (IV)	[dl/g]	PV-07040.5 ^a	Capillary Viscometer	0.76 ± 0.02 ^a	0.80 ± 0.02 ^a	0.82 ± 0.02 ^a	0.85 ± 0.02 ^a	0.91 ± 0.02 ^a	0.95 ± 0.02 ^a
DEG Content	%	PV-09040	Gas Chromatograph	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
Acetaldehyde (AA)	ppm	Cobarr 201/A ¹	Gas Chromatograph	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Moisture Content	%	PV-07109.5	MEECO	0.3 Max	0.3 Max	0.3 Max	0.3 Max	0.4 Max	0.3 Max
Melting Point (DSC)	[°C]	PV-07089.2	Mettler DSC	247 ± 2	247 ± 2	247 ± 2	247 ± 2	247 ± 2	247 ± 2
Color No. Hunter Lab	LH	PV-07136.1	Color View	≥ 83	≥ 83	≥ 83	≥ 83	≥ 83	≥ 83
Color No. Hunter Lab	*bH	PV-07136.1	Color View	0.0 ± 0.95	0.0 ± 0.95	0.0 ± 0.95	0.0 ± 0.95	+0.0 ± 1.0	0.0 ± 0.95
No. of Chips/gram	No.	Manual	-	61 ± 3	61 ± 3	61 ± 3	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.

*** Test Method for A-91 is ASTM D4603^a**



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