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GATRONOVA PET

Standard Specifications of Gatronova PET Textile Grade Polyester Chips – SuperBright

Properties	Unit	Test Method	Test Equipment	Novatex Specifications
Intrinsic viscosity (IV)	[dl/g]	PV-07040.5 ^a	Capillary Viscometer	0.63 ± 0.02 ^a
DEG Content	%	PV-09040	Gas Chromatograph	≤ 1.2
TiO ₂	%	PV-07061.4	Spectrophotometer	Nil
Acetaldehyde	ppm	Cobarr 201/A	Gas Chromatograph	90 max
Moisture Content	%	PV-07109.5	MEECO	0.4 Max
Melting Point (DSC)	[°C]	PV-07089.2	Mettler DSC	255 ± 2
Color No. Hunter Lab*	LH	PV-07136.1	Color View	≥ 75
Color No. Hunter Lab*	bH	PV-07136.1	Color View	+1.0 ± 1.0
Number of Chips/gram	No.	Manual	-	35 ± 3

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

^a IV is done according to PV-07040.5- Solvent is Phenol/Dicholobenzene using ubbelohde type 1(c) capillary viscometer at 25°C.

* Color values are done on chips after they were crystallized.

≤ 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.

Please direct all you inquiries to:

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