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## GATRONOVA PET

### Standard Specifications of Gatronova PET

### Homopolymer Polyester Chips

Properties	Unit	Test Method	Test Equipment	Novatex Specifications
Intrinsic viscosity (IV)	[dl/g]	ASTM D4603 <sup>a</sup>	Capillary Viscometer	0.63 ~ 1.03 ( $\pm 0.02^a$ )
DEG Content	%	PV-09040	Gas Chromatograph	$\leq 1.2$
Acet Aldehyde	ppm	Cobarr 201/A	Gas Chromatograph	1.0 max.
Moisture Content	%	PV-07109.5	MEECO	0.4 Max.
Melting Point (DSC)	[ $^{\circ}$ C]	PV-07089.2	Mettler DSC	255 $\pm$ 2
Color No. Hunter Lab*	LH	PV-07136.1	Color view	$\geq 82$
Color No. Hunter Lab*	bH	PV-07136.1	Color view	+0.0 $\pm$ 1.0
gm/100 chips Pcs/gm	No.	Manual	-	1.66 $\pm$ 0.05 g/100 chips 60 $\pm$ 3 (pcs/gm)
Pellet Shape	--	Manual	-	1.66 $\pm$ 0.05

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

<sup>a</sup> IV is done according to ASTM D4603 - Solvent is Phenol/1,1,2,2-tetrachloroethane using ubbelohde type 1(b) capillary viscometer at 30 $^{\circ}$ C.

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

$\leq$  read as less than or equal to

$\geq$  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:

#### Gatronova Marketing and Exports Department

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