



## POLYAMIDE-6 (PA-6A)

*(Used for production of technical high tenacity yarns)*

No	Property	Measuring Unit	Standard	Test Method
1	Appearance and color	-	Bright	Visual
2	Relative viscosity*	-	3.4±0.05	Viscosimetric, OC-06-C9-93 (Method of "POLYMER ENGINEERING" GmbH)
3	Extract content	%	Not more than 0.8	Interferometric (ГОСТ 17824-81)
4	Melt temperature	°C	Not less than 215	Visual (ГОСТ 189954-73)
5	Moisture content	%	Not more than 0.06	Drying method according to ГОСТ 14870-77, Coulombmetric titration of Karl-Fischer
6	Chips size	mm	Oval, max size 3±0.5	Sliding calipers measurement (OCT 6-06-09-93)

\*1. Solution of 0.01 g/ml of polyamide in H<sub>2</sub>SO<sub>4</sub> at T = 25 °C (Method of "POLYMER ENGINEERING" GmbH)

\*2. Solution of 0.01 g/ml of polyamide in H<sub>2</sub>SO<sub>4</sub> at T = 20 °C (OCT 6-06-C9-93)