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Polypropylene homopolymer (PP)

Turkmenplene TPP F79FB
Turkmenbashi COR, Turkmenistan

PROPERTIES

Description	TPP F79FB is a homopolymer polypropylene. Designed for the production of staple fiber high numbers intended for the production of interlining nonwovens. It possesses excellent pryadimostyu, excellent technical ability of sizing fibers and high resistance to fading. The fibers are released from the PP of this brand, it is soft, appearance reminding textiles and high tensile strength. Compared with other brands of PP, designed for use on thermal sizing, TPP F79FB has a number of advantages: - different excellent machinability in the technology of spinning with high hood, which as a result ensures high and consistent quality of production and reduces the breakdown production. - has an excellent ability to thermal sizing by 20-30%. This enables to produce a fiber with a higher resistance to tearing or with lower consumption per square meter.
Product Type	Fiber.
Applications	Fibers used as a feedstock for the production of care for women, fancy cloth, pads, medical cleaning pads, as well as other applications in medical and hygienic fields. Also used for the production of filters and fibres in the automotive, light and furniture industry.

Melt Flow Rate	g/10min	**10-15**	MA17066 / ISO1133
Non Soluble in Xylol	% by weight	**96**	MA 15558
Ash (as oxides)	ppm by weight	**130**	MA 16013
Chlorine	ppm by weight	**35**	MA 15794
Breaking Tension in Strain yield (not less than)	n/mm^2	**31**	ISO 527
Modulus of Flexibility (not less than)	p/mm^2	**1450**	MA17321 / ISO178
Extension coefficient in strain yield (not less than)	%	**12**	MA17319
Impact Strength with cut by IZOD at 23 ^{0}C (not less than)	kJ/m^3	**2.5**	MA17319 / ISO180/1A
Vicat softening temperature (10H)	^{0}C	**150**	MA17322
Heat-distortion temperature at 0.46 mPa (not less than)	^{0}C	**130**	MA17323
Thermal oxidative stabilities at 150 ^{0}C (in air) (not less than)	hours	**120**	MTM18141E
Index of Yellowing (not more than)		**2**	MA17212E
Pellets size	pieces/g	**40-60**	MTM17064E
Pellets levelness (not more than)	%	**50**	MTM17064E

These are typical properties: not to be construed as specification.