

Polypropylene (PP) from SC "Turkmengas"

According to the State Statistics Committee of Turkmenistan, the level of use of production facilities to produce polyethylene in the Turkmenbashi complex of oil refineries (TKNPZ) reached 93.5%. This demonstrates the excellent technical condition of the plant and the availability of high-quality raw materials. Turkmenistan began the sale of polypropylene (PP) and high-density polyethylene (HDPE) from a new gas chemical complex in the village of Kiyarly (Balkan region, Turkmenistan).

PP F 79 FB Character and Applications

Polypropylene TPP F 79 FB is a polypropylene homopolymer designed to produce a high-grade staple fiber intended for the production of hot-melt non-woven materials. Has excellent spinning ability, excellent ability of technical sizing of fibers and great resistance to fading.

Fibers produced from TPP F 79 FB polypropylene are soft, appearance resembling textiles and high tear resistance.

Fibers are used as raw materials for the production of care products for women, patterned fabrics, pads, medical wipes, as well as for other applications in the hygiene and medical fields.

It is also used for the production of filters and fibers in the automotive, light and furniture industries.

In comparison with other brands of polypropylene intended for use on thermal sizing, TPP F 79 FB polypropylene has several advantages:

Is distinguished by excellent machinability in spinning technology with high extraction, which, as a consequence, ensures high and uniform quality of products and leads to a decrease in production disruption. TPP F 79 FB polypropylene has an excellent ability of thermal sizing by 20-30%. This makes it possible to release fibers with higher tear strength or lower consumption per square meter.

**TYPICAL PHYSICAL PROPERTIES**

No	Typical Properties	Unit	Typical Value	TEST Method
1	Melting Rate	g/10min	12,5	ISO 1133
2	Non Soluble in Xylol	% by weight	96	MA 15558
3	Ash (as oxides)	ppm by weight	130	MA 16013
4	Chlorine	ppm by weight	35	MA 1594
5	Ultimate Tensile Strenght (in yeild strenght)	Mpa not less than	33	ISO 527
6	Flexural Strenght Modulus	not less than	1390	ISO 178
7	Impact Strenght with cut by IZOD at 23C	J/m not less than	3,5	ISO 180/1A
8	Index of Yellowing	not less than	2	MA 17212

GTİP/ HS code: 3902.10.00.00.19**TDS:** 05766698-20-2007**KARADENİZ METALURJİ Inc.****T:** +90 216 482 48 48**F:** +90 216 482 48 57**E-mail:** hi@karmetu.com.tr**Web:** <http://www.karmetu.com>**Add:** Fatih MH. Katip Çelebi Cd. No:53 Orhanlı-Tuzla / Istanbul – Turkey **Post code:** 34956