

**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 D 382 BF Character and Applications**

Polypropylene **TPP D 382 BF** is a homopolymer designed to produce biaxially oriented films and non-orientable films (cast films). In addition, it has an excellent dielectric property, high transparency and high strength and stability during processing.

The polymer base used to manufacture TPP D 382 BF polypropylene meets the requirements of the FDA (Food and Drug Administration, US Food and Drug Administration) in compliance with the Federal Regulations.

Polypropylene TPP D 382 BF meets FDA criteria for use in contact with food.

Polypropylene TPP D 382 BF is available in the form of granules.

**TYPICAL PHYSICAL PROPERTIES**

No	Typical Properties	Unit	Typical Value	TEST Method
1	Melting Rate	g/10min	3,2	ISO 1133
2	Non Soluble in Xylol	% by weight	95.7	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	1300	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**TS:** 05766698-20-2007**KARADENİZ METALURJİ Inc.****T:** +90 216 482 48 48**F:** +90 216 482 48 57**E-mail:** [hi@karmetu.com.tr](mailto:hi@karmetu.com.tr)**Web:** <http://www.karmetu.com>**Add:** Fatih MH. Katip Çelebi Cd. No:53 Orhanlı-Tuzla / Istanbul – Turkey **Post code:** 34956