

High Density Polyethylene for Injection Moulding (HDPE)**TECHNICAL DATA SHEET****HDPE - T60-475-119****Polypropylene (PE) from SC "Turkmengas"**

According to the State Statistics Committee of Turkmenistan, the level of use of production facilities for the production of 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).

T60-475-119 is a high-density polyethylene characterized by a narrow molecular weight. Parts fabricated from this material exhibit a glossy surface finish and have good impact strength and rigidity.

T60-475-119 CHARACTERISTICS:

- High rigidity
- Glossy surface aspects
- Good impact strength
- Meets FDA requirements of 21CFR 177.1520

Application:

Boxes, containers, pallets, lids, caps, household utensils.

**TYPICAL PHYSICAL PROPERTIES**

Property	Units	Typical Value	Test Method
Melt flow rate (2.16 kg load)	g/10 min	4 - 5,6	ASTM D 1238
Density	kg/m ³	959 - 963	ASTM D 4883
Tensile strenght at yield 50 mm/min	Mpa	28	ASTM D 638
Flexural Modulus (1% secant), at 1 mm/min	Mpa	1250	ASTM D 790
Notched izod under load	J/m	55	ASTM D 256
Heat resisitance on Vicka	°C	120	ASTM D 1525

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