



QUALITY MANAGEMENT SYSTEM

UR.15-SD-U1557.0

REVISION NO

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F 00556 HIGH DENSITY POLYETHYLENE PRODUCT SPECIFICATION

TRADE NAME : PETILEN YY F 00556 (HMW)

GUARANTEED VALUES :

TESTS	UNIT	VALUE	METHOD
Melt Flow Rate (MFR) (190°C / 2.16 kg)	g/10min	0.04 - 0.06	ASTM D1238
Density,23°C ¹⁾	g/cm ³	0.950 - 0.955	ASTM D1505

TYPICAL VALUES :

Tensile Strength			
- at Yield	MPa	23	ASTM D638
- at Break	MPa	36	ASTM D638
- Elongation at Break	%	850	ASTM D638
Flexural Modulus	MPa	815	TS EN ISO 178
Izod Impact Strength	J/m	340	ASTM D256
Environmental Stress Cracking Resistance (F50)	hours	min. 600	ASTM D1693

¹⁾ Measured on specimens, prepared according to ASTM D2839.

PRODUCT SHAPE : Pellets

PACKING : In 25 kg FFS (Form Fill Seal) white colored PE bags or 1400 kg big-bags

STORAGE CONDITIONS : In closed and dry areas at temperature below 50°C and sheltered from direct sun light

APPLICATION : Film extrusion (shopping bags, disposable waste bags, heavy-duty bags, thin high strenght film)

MSDS NO : UR.15-BF-00002-ING

NOTE: Typical values are the average results of the analyses made in Petkim's laboratories, provided for information only. They are not guaranteed values.

PETILEN YY F 00556 has Production Permission Certificate related to plastic materials and articles intend to come into contact with foodstuffs, dated 12.08.2013 and no.TR-35-K-017539 given by Turkish Republic Food, Agriculture and Livestock Ministry.

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