

B 0153 HIGH DENSITY POLYETHYLENE PRODUCT SPECIFICATION

TRADE NAME : PETILEN YY B 0153

GUARANTEED VALUES :

<u>TESTS</u>	<u>UNIT</u>	<u>VALUE</u>	<u>METHOD</u>
Melt Flow Rate (MFR) (190°C / 2.16 kg)	g/10min	0.10 - 0.20	ASTM D1238
Density,23°C ¹⁾	g/cm ³	0.949 - 0.953	ASTM D1505

TYPICAL VALUES :

Tensile Strength			
- at Yield	MPa	22	ASTM D638
- at Break	MPa	28	ASTM D638
- Elongation at Break	%	750	ASTM D638
Flexural Modulus	MPa	700	TS EN ISO 178
Izod Impact Strength	J/m	200	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 : Pipe extrusion (distribution of drinking and
irrigation water, sewerage)

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.

This grade has certificate for production of the material in contact with foodstuffs as received by Ministry of Agriculture and Rural Affairs dated 21.02.2007 and no. 35-00213-00009-0.