

**QUALITY MANAGEMENT SYSTEM**

UR.15-SD-U1522.0

REVISION NO

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I 668(UV) HIGH DENSITY POLYETHYLENE PRODUCT SPECIFICATION**TRADE NAME** : PETILEN YY I 668(UV)**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	4.4 - 6.5	ASTM D1238
Density,23°C ¹⁾	g/cm ³	0.963 - 0.967	ASTM D1505

TYPICAL VALUES :

Tensile Strength			
- at Yield	MPa	30	ASTM D638
- at Break	MPa	17	ASTM D638
- Elongation at Break	%	1250	ASTM D638
Flexural Modulus	MPa	1100	TS EN ISO 178
Izod Impact Strength	J/m	50	ASTM D256
Environmental Stress Cracking Resistance (F50)	hours	4	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** : Injection Moulding (bottle and fruit crates)**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.