

Producer: Petkim Petrokimya Holding A.S. / Turkey

## PETİLEN YY B 0153

### Applications:

Pipe extrusion (Distribution of drinking and irrigation water, sewerage).

PROPERTIES	UNIT	VALUE	TEST METHOD
<b>Guaranteed values</b>			
Melt Flow Rate (MFR) (2160g, 190°C)	g/10 min	0.10-0.20	ASTM D-1238
Density, 23°C	g/cm <sup>3</sup>	0.952-0.956	ASTM D-1505
<b>Typical values</b>			
<i>At Yield</i>	Kg/cm <sup>2</sup>	225	ASTM D-638
<i>At Break</i>	Kg/cm <sup>2</sup>	290	ASTM D-638
<i>Elongation At Break</i>	%	750	ASTM D-638
Stiffness (OLSEN)	Kg/cm <sup>2</sup>	7160	ASTM D-747
Izod Impact Strength	Kgcm/cm	20	ASTM D-256
Environmental Stress Cracking Resistance (F <sub>50</sub> )	hour	min.60	ASTM D-1693

### Packing:

In 25 kgs valved, white colored PE bags loose or palletized and shrinkwrapped or in 1400 kgs big bags.

### Storage conditions:

Below 50°C, in closed and dry areas, sheltered from direct sunshine.

### Note:

Typical values are the average results of analyses made in Petkim Laboratories, provided for information only. This grade has certificate for production of the material in contact with foodstuffs as received by Ministry of Agriculture and Village Affairs dated 21.02.2007 and no. 35-00213-00009-0.