



Producer: Petkim Petrokimya Holding A.S. / Turkey

## PETİLEN YY F00556

### Applications:

Film extrusion (Shopping bags, disposable waste bags, heavy-duty bags, thin high strength film).

PROPERTIES	UNIT	VALUE	TEST METHOD
<b>Guaranteed values</b>			
Melt Flow Rate (MFR) (2160g, 190°C)	g/10 min	0.03-0.06	ASTM D-1238
Density, 23°C	g/cm <sup>3</sup>	0.953-0.958	ASTM D-1505
<b>Typical values</b>			
<i>At Yield</i>	Kg/cm <sup>2</sup>	235	ASTM D-638
<i>At Break</i>	Kg/cm <sup>2</sup>	365	ASTM D-638
<i>Elongation At Break</i>	%	850	ASTM D-638
Stiffness (OLSEN)	Kg/cm <sup>2</sup>	8300	ASTM D-747
Izod Impact Strength	Kgcm/cm	35	ASTM D-256
Environmental Stress Cracking Resistance (F <sub>50</sub> )	hour	min.600	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.