

Producer: Petkim Petrokimya Holding A.S. / Turkey

PETİLEN YY S 0452

Applications:

Blow Moulding (Detergent bottles, small-sized containers).

PROPERTIES	UNIT	VALUE	TEST METHOD
Guaranteed values			
Melt Flow Rate (MFR) (2160g, 190°C)	g/10 min	0.30-0.50	ASTM D-1238
Density, 23°C	g/cm ³	0.950-0.956	ASTM D-1505
Typical values			
<i>At Yield</i>	Kg/cm ²	235	ASTM D-638
<i>At Break</i>	Kg/cm ²	365	ASTM D-638
<i>Elongation At Break</i>	%	950	ASTM D-638
Stiffness (OLSEN)	Kg/cm ²	8300	ASTM D-747
Izod Impact Strength	Kgcm/cm	15	ASTM D-256
Environmental Stress Cracking Resistance (F ₅₀)	hour	min.250	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.