

Producer: Petkim Petrokimya Holding A.S. / Turkey

PETİLEN I 668 UV

Applications: Injection Moulding (bottle and fruit crates).

PROPERTIES	UNIT	VALUE	TEST METHOD
Guaranteed values			
Melt Flow Rate (MFR) (2160 g, 190°C)	g/10 min	4.4-6.5	ASTM D-1238
Density, 23°C	g/cm ³	0.966-0.970	ASTM D-1505
Typical values			
Tensile Strength			
<i>At Yield</i>	Kg/cm ²	295	ASTM D-638
<i>At Break</i>	Kg/cm ²	240	ASTM D-638
<i>Elongation At Break</i>	%	1250	ASTM D-638
Stiffness	Kg/cm ²	10450	ASTM D-747
Izod Impact Strength	Kgcm/cm	5	ASTM D-256
Environmental Stress Cracking Resistance (F50)	hour	4	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.