



HIGH DENSITY POLYETHYLENE PETILEN YY B00552

Producer: Petkim Petrokimya Holding A.S. / Turkey

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

| PROPERTIES | UNIT | VALUE | TEST METHOD |
|---|--------------------|-------------|-------------|
| Guaranteed values | | | |
| Melt Flow Rate (MFR) (2160g, 190°C) | g/10 min | 0.04-0.07 | ASTM D-1238 |
| Density, 23°C | g/cm ³ | 0.950-0.956 | ASTM D-1505 |
| Typical values | | | |
| At Yield | Kg/cm ² | 220 | ASTM D-638 |
| At Break | Kg/cm ² | 355 | ASTM D-638 |
| Elongation At Break | % | 875 | ASTM D-638 |
| Stiffness | Kg/cm ² | 7600 | ASTM D-747 |
| Izod Impact Strength | Kgcm/cm | 39 | ASTM D-256 |
| Environmental Stress Cracking Resistance (F ₅₀) | hour | min.1000 | 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.