



Producer: Lukoil / Bulgaria

BUPLen® 6131 - 6231

Description:

The polypropylene is granulated, normally stabilized, with a natural colour.

Application:

It is used for textile and paper impregnation and production of monofilaments at high processing speed.

| PROPERTIES | UNIT | VALUE | | TEST METHOD |
|---|-------------------|---------|---------|----------------------------|
| | | 6131 | 6231 | |
| Melt flow rate at 230 °C, loading 2,16 kg min-max | g/10 min | 25 | 16-25 | ASTM D 1238 EN ISO 1133 |
| Density at 23 °C | kg/m ³ | 899-906 | 899-908 | ASTM D 792 |
| Deflection temperature under 1,820 Mpa min | °C | 50 | 50 | ASTM D 648 ISO75-2 |
| Tensile strenght at yield, at 50 mm / min min | MPa | 29 | 29 | ASTM D 638 EN ISO 527-1 |
| Bending modulus 1% secant min □ | MPa | 1100 | 1100 | ASTM D 790 |

Note : The samples for the physical-mechanical test are prepared as per ASTM 4101.

Production method:

It is produced by extrusion regulation of the molecular mass using the so-called CR-T technology.

Package:

Polythylene bags, each with a mass of 25 kg.

Every package is marked with the product code, batch number and date of production.

Storage:

It is stored in covered, dry and clean warehouse at distance not less than 1 m away from heat.