

POLYPROLYLENE BUPLEN®
HOMOPOLYMER WITH IMPROVED FLOWABILITY 6131, 6231

Technical requirements

№	Properties	Unit	Value		Test Method
			6131	6231	
1.	Melt flow rate at 230 °C, loading 2,16 kg min-max	g/10 min	25 - -	16 - 25	ASTM D 1238 EN ISO 1133
2.	Density at 23 °C min-max	kg/m ³	899 - 906	899 - 908	ASTM D 792
3.	Deflection temperature under 1,820 MPa min	°C	50	50	ASTM D 648 ISO75-2
4.	Tensile strength at yield, at 50 mm/min min	MPa	29	29	ASTM D 638 EN ISO 527-1
5.	Bending modulus 1% secant min	MPa	1100	1100	ASTM D 790

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

Product description

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

Production method

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

Application

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

Package

Polyethylene 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 warehouses at distance not less than 1 m away from heat.

Transportation

Covered and clean vehicles, protected from moisture, mechanical damages and pollution.

Each batch is accompanied by product specification of test results according to the technical requirements.

Product MSDS (Material Safety Data Sheet) is submitted to the user prior to or at the time of the first delivery.