

POLYPROPYLENE BUPLEN®
HOMOPOLYMER 6331, 6431, 6531, 6631

Technical requirements

№	Properties	Unit	Value				Test Method
			6331	6431	6531	6631	
1.	Melt flow rate at 230 °C, loading 2,16 kg min-max	g/10 min	8 – 16	5 – 8	3 – 5	1 – 3	ASTM D 1238 EN ISO 1133
2.	Density 23 °C min-max	kg/m ³	899–906	899–906	899–906	899–906	ASTM D 792
3.	Impact strength by Izod at 230 °C min	J/m	15	20	25	30	ASTM D 256
4.	Deflection temperature under load (1,820 MPa) min	°C	51	55	55	55	ASTM D 648 БДС ISO 75-2
5.	Tensile strength at yield, at 50 mm/min min	MPa	29	30	30	30	ASTM D 638 EN ISO 527-1
6.	Bending modulus 1% secant min	MPa	1100	1100	1100	1100	ASTM D 790

Note: The samples for the physical-mechanical tests are prepared as per ASTM 4101-94.

Product description

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

Production method

It is produced by Stereospecific Polymerization of propene in the presence of a Ziegler-Natta catalyst.

Application

For the production of home appliances, medical devices, technical products, packaging products for the food industry, rough textile, parts for the electrical industry and so on.

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.