

POLYPROPYLENE BUPLEN® STATISTIC COPOLYMER 9531, 9631

Technical requirements

№	Properties	Unit	Value		Test Method
			9531	9631	
1.	Melt flow rate at 230 °C, loading 2,16 kg min-max	g/10 min	3 – 5	1 – 3	ASTM D 1238 EN ISO 1133
2.	Density at 23 °C min-max	kg/m ³	895–905	895–905	ASTM D 792
3.	Deflection temperature under load (1,820 MPa) min	°C	50	50	ASTM D 648 ISO 75-2
4.	Tensile strength at yield, at 50 mm/min min	MPa	22	25	ASTM D 638 EN ISO 527-1
5.	Bending modulus 1% secant min	MPa	800	900	ASTM D 790
6.	Impact strength by Izod at 23 °C min	J/m	30	40	ASTM D 256

Note: Preparation of the samples for the physical-mechanical tests is performed by injection moulding as per ASTM D 4101.

Product description

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

Production method

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

Application

It is used for production of packages for washing and cleaning powders, industrial chemicals and single-use packaging products for the food industry.

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.