

POLYPROPYLENE BUPLEN® COPOLYMER 7523, 7623, 8523

Technical requirements

№	Properties	Unit	Unit			Test Method
			7523	7623	8523	
1.	Melt flow rate at 230 °C and loading 2,16 kg min-max	g/10 min	3 – 5	1 – 3	3 – 5	ASTM D 1238 EN ISO 1133
2.	Density at 23 °C min-max	kg/m ³	896–903	896–903	896–903	ASTM D 792
3.	Izod impact resistance at 23 °C min	J/m	70	70	100	ASTM D 256
4.	Deflection temperature under load (1,820 MPa) min	°C	49	49	48	ASTM D 648 ISO75-2
5.	Tensile strength at yield, at 50 mm/min min	MPa	23	23	23	ASTM D 638 EN ISO 527-1
6.	Bending modulus 1% secant min	MPa	900	900	1000	ASTM D 790
7.	Cold resistance min	°C	minus 5	minus 5	minus 10	ASTM D 746

Note: Parameter "Cold resistance" is guaranteed by the manufacturer. It is determined periodically, at least on two lots per month.

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

For the production of home appliances, technical parts, car batteries, parts for the electrical and auto industries, packages for the food, wine and tobacco industries.

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.