

	Joint – Stock Company LUKOIL Eurasia Petrol
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POLYPROPYLENE BUPLEN®

HOMOPOLYMER 6331, 6431, 6531, 6631

Specification

№	Property	Unit	Value by grade				Test method
			6331	6431	6531	6631	
1	Melt flow rate at 230°C and loading 2.16 kg	g/10 min	8-16	5-8	3-5	1-3	ASTM D 1238-94a
2	Density at 23°C	kg/m³	898-905	898-905	898-905	898-905	ASTM D 792-91
3	Tensile strength at flow, at 5 mm/min, not less than	MPa	29	30	30	30	ASTM D 638-94b
4	Izod impact with notch at 23° C, not less than	J/m	15	20	25	30	ASTM D 256-93a
5	Deformation temperature at 1820 kPa, not less than	°C	51	55	55	55	ASTM D 648-88
6	Bending modules 1% secant, not less than	MPa	1100	1100	1100	1100	ASTM D 790-92

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

Product description

The propylene is granulates, stabilized normally and in natural appearance.

Production method

Polymerization of propylene in the presence of metal-organic catalyst.

Application

For the production of home appliances, medical devices, technical manufacturing input materials, rough textile, parts for the electrical industry etc.

Package

Polyethylene bags, each with a mass of the material 25±0.25 kg in containers or pallets of 1000 or 1250 kg, wrapped in thermal shrinking film or in bulk cargo in truck or railway tankcars.

Storage

In covered, dry and clean warehouses or silos.

Transportation

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