

	Joint – Stock Company
	<b>LUKOIL Eurasia Petrol</b>

**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/m <sup>3</sup>	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 modulus 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.