

# BUPLLEN® 9631

Polypropylene Copolymer

LUKOIL Bulgaria Ltd.

## Message:

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

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

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

General Information			
Additive	Unspecified Stabilizer		
Features	Copolymer		
	Good Stability		
Uses	Food Packaging		
	Industrial Containers		
	Packaging		
Appearance	Natural Color		
Forms	Granules		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.895 to 0.905	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0 to 3.0	g/10 min	ASTM D1238, ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			
Yield, Injection Molded <sup>1</sup>	> 25.0	MPa	ASTM D638
Yield, Injection Molded	> 25.0	MPa	ISO 527-2/50
Flexural Modulus - 1% Secant (Injection Molded)	> 900	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	> 40	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			
1.8 MPa, Unannealed, Injection Molded	> 50.0	°C	ASTM D648
1.8 MPa, Unannealed	> 50.0	°C	ISO 75-2/A
NOTE			
1.	50 mm/min		

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