

ROPOTEN® T FV-03-223

Low Density Polyethylene

LUKOIL Bulgaria Ltd.

Message:

Grades FV-03-223, FV-15-204, FV-20-205, FV-20-205-3 are used for production of heavy duty industrial bags, for blow-moulded bottles, for agricultural film, film for building and machine-building applications, for production of toys, souvenirs, for production of thin film for small packages, etc.

General Information			
Uses	Packaging		
	Films		
	Blow molding applications		
	Industrial application		
	Architectural application field		
	Agricultural application		
	Bottle		
	Heavy packing bag		
Appearance	Natural color		
Forms	Particles		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Density	0.919	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.20 - 0.40	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	> 15.5	MPa	ASTM D638
Tensile Elongation (Break)	> 600	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	> 90.0	°C	ASTM D1525
Additional Information	Nominal Value	Unit	Test Method
Impurities ¹	5 peices (max)		Internal method
Volatiles		%	Internal method
Non-melting material: <25 pieces, BDS 1008682Off-spec granules: 1.7%, BDS 1008682Cold resistance: -60°C, BDS 1008682			
NOTE			
1.	In 200 g sample		

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