

Kazan LDPE 15313-003 OKP 22 1111 2002

Low Density Polyethylene

Kazanorgsintez Joint Stock Company

Message:

GOST / TU: GOST 16337-77

LDPE is produced by means of polymerization of ethylene under high pressure in tubular or stirred reactor with the use of radical type initiator.

LDPE is used for manufacturing of pipes, fittings, articles contacting with food, toys, films etc.

General Information		
Uses	Film	
	Fittings	
	Non-specific Food Applications	
	Piping	
	Toys	
Forms	Pellets	
Physical	Nominal Value	Unit
Density	0.919 to 0.922	g/cm ³
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min
Environmental Stress-Cracking Resistance	> 500	hr
Extractables ¹	< 0.6	%
Melt Flow - Dispersin within a batch ²	< 12	%
Number of Inclusions	> 8.00	
Odor Rating	< 1.00	
Mechanical	Nominal Value	Unit
Tensile Stress		
Yield	> 105	MPa
Break	> 105	MPa
Tensile Strain (Break)	> 600	%
NOTE		
1.	Premium grade, Grade I, II	
2.	±	

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Susheng Import & Export Trading Co., Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

