Kazan HDPE 273-285

High Density Polyethylene

Kazanorgsintez Joint Stock Company

Message:

HDPE FILM GRADES 273-285, PE8D-2B5, 293-2B5D, PEBO-285D
GOST / TU: TU 2243-127-00203335-2000
Composition of 293-285D, PE80B-285D grades includes processing aids. Processing aid allows extruding polyethylene throughout narrower die head and avoiding carbon deposit while haul-off, that means to make a thinner film with good mechanical properties. According to the experience of end users of such products it is possible to make high-quality extrusion molded thin films (5 to 9 microns of film gauge) which can be used for food packaging. Production of thinner film decreases the cost of polyethylene to be processed in the cost of 1 m2 of finished product. HDPE film grades have sanitary-and-epidemiologic authorization.
These grades are being manufactured based on 273,293, PE80B grades, have high molecular weight and wide MWD. The composition of products made on above polymers includes high-performance thermal stabilizers and processing aids which can improve processing. The grades are intended to process using extrusion method into high strength thin film and for other applications.

General Information	
Additive	Heat Stabilizer Processing Aid
Features	Good Processability High Molecular Weight Wide Molecular Weight Distribution
Uses	Film
Forms	Pellets
Processing Method	Extrusion Film Extrusion

Physical	Nominal Value	Unit
Density	0.949 to 0.952	g/cm³
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30 to 0.60	g/10 min
Mechanical	**Nominal Value**	**Unit**
Tensile Stress		
Yield	> 19.0	MPa
Break	> 21.6	MPa
Tensile Strain (Break)	> 700	%
Additional Information	**Nominal Value**	**Unit**
Volatiles	< 0.090	%

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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