

Kazan HDPE 293-4-701K

High Density Polyethylene
Kazanorgsintez Joint Stock Company

Message:

GOST / TU: TU 2243-121-00203335-2000
Resistant to copper ions with improved processability intended for cables' insulation, sheath and serving. These grades are produced in natural color pellets.

General Information		
Features	Copper Contact Stabilized	
	Good Processability	
Uses	Cable Jacketing	
	Wire & Cable Applications	
Appearance	Natural Color	
Forms	Pellets	
Physical	Nominal Value	Unit
Density	0.943 to 0.949	g/cm ³
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30 to 0.50	g/10 min
Environmental Stress-Cracking Resistance	> 500	hr
Mechanical	Nominal Value	Unit
Tensile Stress (Yield)	> 17.0	MPa
Tensile Strain (Break)	> 700	%
Thermal	Nominal Value	Unit
Thermal Stability (200°C)	> 20	hr
Impurities	3.00 to 15.0	count/g
Tear Strength	> 21.6	MPa
Volatiles	0.10 to 0.15	%
Electrical	Nominal Value	Unit
Electric Strength ¹ (1.00 mm)	> 40	kV/mm
Relative Permittivity (1 MHz)	2.40	
Dissipation Factor (1 MHz)	2.0E-4	
NOTE		
1.	50 Hz	

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