

Kazan MDPE PE80B-275

Medium Density Polyethylene

Kazanorgsintez Joint Stock Company

Message:

Kazan MDPE PE80B-275 is a medium density polyethylene product. It is available in Europe. Kazan MDPE PE80B-275 applications include engineering/industrial fittings and water pipes/pipes/drinking water. The main characteristics are: carbon black.

General Information		
Additive	Carbon black	
Uses	Piping system	
	Accessories	
Appearance	Black	
Forms	Particle	
Physical	Nominal Value	Unit
Density	0.945 - 0.953	g/cm ³
Melt Mass-Flow Rate (MFR)		
190°C/21.6 kg	6.5 - 16	g/10 min
190°C/5.0 kg	0.35 - 0.70	g/10 min
Melt flow		%
Slow crack propagation PENT ¹ (80°C)	165	hr
Thermal Stability (200°C)	> 20	
Resistance to Gas Components ² (80°C)	20.0	hr
Volatiles		mg/kg
Odor rating		
Mechanical	Nominal Value	Unit
Tensile Stress (Yield)	> 17.0	MPa
Tensile Strain (Break)	> 700	%
Additional Information	Nominal Value	Unit
Minor scale method for pipes diameter 110 mm, critical pressure F _c , MPa, not less than MOP/2,4 - 0,072Full scale method for pipes diameter 160 mm, critical pressure pc, MPa, not less than MOPx1,5		
NOTE		
1.	4 MPa	
2.	2 MPa	

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