

Rigidex® E5018

High Density Polyethylene Copolymer

INEOS Olefins & Polymers Europe

Message:

Rigidex® E5018 is a high-density polyethylene copolymer suitable for the extrusion of non-pressure Pipes.

Benefits & Features

Rigidex® E5018 is a natural HDPE with broad molecular weight distribution

Applications

Non-pressure pipes

Corrugated pipes, conduits

General Information			
Features	High density		
	Copolymer		
	Wide molecular weight distribution		
Uses	Bellows		
	Catheter		
	Piping system		
RoHS Compliance	Contact manufacturer		
Appearance	Natural color		
Forms	Particle		
Processing Method	Pipeline extrusion molding		
Physical	Nominal Value	Unit	Test Method
Density (23°C)	0.950	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	0.90	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	> 800	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	> 19.0	MPa	ISO 527-2/50
Tensile Strain (Break, 23°C)	> 350	%	ISO 527-2/50

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