

Rigidex® K38-20

中密度聚乙烯

INEOS Olefins & Polymers Europe

Technical Data

Product Description

RIGIDEX® K38-20 is a medium-density polyethylene copolymer designed for the extrusion of non-pressure pipe. RIGIDEX® K38-20 is also suitable for blown film extrusion.

Benefits & Features

- Natural medium density polyethylene with high stress crack resistance and broad molecular weight distribution.

Applications

- Non pressure pipes, corrugated pipes, conduits
- Blown film (as pure, in blend or co-extrusion)

General

Features	<ul style="list-style-type: none"> 高 ESCR (抗应力开裂) 共聚物 	<ul style="list-style-type: none"> 宽分子量分布 中等密度 	
Uses	<ul style="list-style-type: none"> Blown Film 波纹管 	<ul style="list-style-type: none"> 导管 管道系统 	
RoHS Compliance	<ul style="list-style-type: none"> 联系制造商 		
Forms	<ul style="list-style-type: none"> 粒子 		
Processing Method	<ul style="list-style-type: none"> 吹塑薄膜 	<ul style="list-style-type: none"> 共挤薄膜 	<ul style="list-style-type: none"> 管路挤出成型

Physical	额定值 单位制	测试方法
Density (23°C)	0.938 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)		ISO 1133
190°C/2.16 kg	0.20 g/10 min	
190°C/5.0 kg	0.85 g/10 min	
Environmental Stress-Cracking Resistance (ESCR)	> 1000 hr	Internal Method
Mechanical	额定值 单位制	测试方法
Tensile Modulus (23°C)	600 MPa	ISO 527-2/1
Tensile Stress (屈服, 23°C)	19.0 MPa	ISO 527-2
Tensile Strain (断裂, 23°C)	> 350 %	ISO 527-2/50
Thermal	额定值 单位制	测试方法
Vicat Softening Temperature	121 °C	ISO 306/A50
Melting Temperature ³	127 °C	ISO 11357-3