



Rigidex[®] E5018

Product Technical Information

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

Properties	Conditions	Test Methods	Values	Units
Physical				
Density	23°C	ISO 1183-1	950	kg/m ³
Melt Flow Rate	190°C/5kg	ISO 1133-1	0.9	g/10min
Mechanical*				
Tensile Strength at Yield	23°C, 50mm/min	ISO 527-2	>19	MPa
Tensile strain at Break	23°C, 50 mm/min	ISO 527-2	>350	%
Tensile Modulus	23°C, 1 mm/min	ISO 527-2	>800	MPa
Data should not be used for specification work				

Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration. It is advised to process the product within maximum one year after delivery.