



# RIGIDEX<sup>®</sup> E5315

## Product Technical Information

RIGIDEX<sup>®</sup> E5315 is a high-density polyethylene copolymer suitable for the extrusion of non-pressure Pipes.

## Benefits & Features

RIGIDEX<sup>®</sup> E5315 is a natural HDPE

## Applications

- Non-pressure pipes
- Corrugated pipes, conduits

Properties	Conditions	Test Methods	Values	Units
<b>Rheological</b>				
Melt Flow Rate	190°C/5kg	ISO 1133-1	0.6	g/10min
<b>Physical</b>				
Density ISO 17855-1	23°C	ISO 1183-1	953	kg/m <sup>3</sup>
<b>Mechanical</b>				
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
<b>Data should not be used for specification work</b>				

## 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.