

PRIMALENE WPP862

High Density Polyethylene

Southern Polymer, Inc.

Message:

A pipe extrusion grade high density polyethylene

Applications:

Highway drainage pipe

Storm water drainage pipe

Agricultural products

Caps and closures

Food packaging

Household and industrial chemical containers

Thermoformed parts

Thin gauge sheet

Features: - Excellent stiffness

Excellent stress crack resistance

General Information			
Features	Good Stiffness		
	High Density		
	High ESCR (Stress Crack Resist.)		
Uses	Agricultural Applications		
	Caps		
	Closures		
	Food Packaging		
	Household Goods		
	Industrial Applications		
	Industrial Containers		
	Piping		
	Sheet		
Processing Method	Thermoforming Applications		
	Pipe Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.953	g/cm ³	ASTM D4883
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.25	g/10 min	ASTM D1238
Notched Constant Ligament Stress (NCLS)	> 24	hr	ASTM F2136
Melt Flow - High Load ¹	30.00	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	28.0	MPa	ASTM D638
Flexural Modulus - 2% Secant	972	MPa	ASTM D790
NOTE			

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