

[TOP](#)

POLYETHYLENE

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» [HOME](#) > [Product&Service](#) > Polyethylene



DAELIM POLYETHYLENE

High-quality synthetic resin, DAELIM POLY HDPE is being manufactured in the world class Yeosu Complex equipped with state-of-the-art facilities



 **Daelimpoly**

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 **LIST**

TR-418BLP

Customer Benefits

PE80 Equivalent Materials
Hexene Comonomer
Outstanding Stress Cracking Resistance
Excellent Impact Resistance & Durability

Suggested Applications

Water & Gas Pipe
Oil & Engineering Pipe

Processing Recommendation

Stock Temp. : 190 ~ 220°C

Specification Data

ASTM D 1248-Type III, Class A, Category 5
ISO/DIS 12162 - MRS 8Mpa, PE80

Properties	Test Method	Unit	Value
Melt Index (190°C, 2.16Kg)	ASTM D 1238	g/10min	0.24
Density	ASTM D 1505	g/cm³	0.947
Tensile Yield Strength(at Yield, 50mm/min)	ASTM D 638	kg/cm²	190
Ultimate Elongation	ASTM D 638	%	>600
Flexural Modulus	ASTM D 790	kg/cm²	7,000
OIT(200°C, Al Pan)	ASTM D 3895	min	>60
Brittleness Temperature	ASTM D 746	°C	<-118
ESCR (Condition B, F0)	ASTM D 1693	hr	>2,000

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