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HDPE

Products of Daelim are NO. 1 in quality and service

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DAELIM POLY HDPE

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


 **Daelimpoly** | High Density Polyethylene

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HX100S

Customer Benefits

Excellent ESCR and TSCR
 Excellent Processability at High Speed Extrusion

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Outstanding Oxidation Resistance

▣ Suggested Applications

Excellent ESCR and TSCR
Excellent Processability at High Speed Extrusion
Outstanding Oxidation Resistance

▣ Processing Recommendation

Stock Temp. : 200 ~ 280°C

▣ Specification Data

ASTM D1248 Type III, Class A, Category 4, Grade E8,E9
REA PE-23(Dry), PE-39(Filled), PE-200

Properties	Test Method	Unit	Value
Melt Index (190°C, 2.16Kg)	ASTM D 1238	g/10min	0.75
Density	ASTM D 1505	g/cm ³	0.9475
Brittleness Temperature (F0)	ASTM D 746	°C	-76
Tensile Yield Strength	ASTM D 638	kg/cm ²	21
Ultimate Elongation	ASTM D 638	%	700

PRODUCTS



HDPE

Grade

Application

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POLYBUTENE/DISPA

SHARED SERVICE

PIPE

FILM

COMPOUND

E-CATALOGUE

TECHNICAL INFO

TSCR (100°C, 96hrs)	ASTM D 2951	ea	0/10
ESCR (Condition B, F0)	ASTM D 1693	hrs	> 60
OIT (200°C, Cu Pan)	ASTM D 3895	min	60
Dielectric Constant (1MHz)	ASTM D 150	-	< 2.32
Dissipation Factor (1MHz)	ASTM D 150	-	< 0.0001
Volume Resistivity	ASTM D 257	$\Omega \cdot \text{cm}$	> 10 ¹⁶



[+ : Go Family Site](#)

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