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POLYETHYLENE

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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**

LH-5502

Customer Benefits

Excellent Processability
Good Impact Strength
Excellent Stiffness

Suggested Applications

Small & Medium Containers
(Food, Detergent, Bleach, Cosmetic, Shampoo etc)

Processing Recommendation

Stock Temp. : 170~ 190℃

Specification Data

ASTM D 1248-Type III, Class A, Category 5
FDA Regulation 177. 1520 Suitable for Food Packaging

Properties	Test Method	Unit	Value
Melt Index (190℃, 2.16Kg)	ASTM D 1238	g/10min	0.24
Density	ASTM D 1505	g/cm ³	0.959
Tensile Yield Strength	ASTM D 638	kg/cm ²	310
Ultimate Elongation	ASTM D 638	%	>600
Flexural Modulus	ASTM D 790	kg/cm ²	13,000
IZOD Impact Strength (23℃)	ASTM D 256	kg.cm/cm	35
Brittleness Temperature	ASTM D 746	℃	<-76
ESCR (Condition B, F50)	ASTM D 1693	Hr	40

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