



Daelimpoly 5502

High Density Polyethylene



Customer Benefits	<ul style="list-style-type: none"> ■ Excellent Processability ■ Good Impact Strength ■ Good Stiffness
Suggested Applications	<ul style="list-style-type: none"> ■ Small & Medium Bottles (Food, Detergent, Bleach, Cosmetic, Shampoo etc)
Processing Recommendation	<ul style="list-style-type: none"> ■ Stock Temp. : 180~ 200°
Specification Data	<ul style="list-style-type: none"> ■ ASTM D 1248-Type □, Class A, Category 5 ■ FDA Regulation 177. 1520 Suitable for Food Packaging

DaelimPoly 5502 Nominal Physical Properties

Properties	Test Method	Unit	Value
Melt Index (190°, 2.16Kg)	ASTM D 1238	g/10min	0.35
Density	ASTM D 1505	g/cm ³	0.955
Tensile Yield Strength	ASTM D 638	kg/□	280
Ultimate Elongation	ASTM D 638	%	>600
Flexural Modulus	ASTM D 790	kg/□	12,000
IZOD Impact Strength (-20°)	ASTM D 256	kg. □/□	35
Brittleness Temperature	ASTM D 746	°	<-76
ESCR (Condition B, F50)	ASTM D 1693	Hr	30

* Physical properties reported herein were determined on compression molded specimens prepared in accordance with procedure c of ASTM D1928.