

Daelimpoly TR-580

High Density Polyethylene



Blow molding

Customer Benefits

- Excellent Processability
- Excellent Melt Strength
- Excellent Impact Strength
- Excellent Stress Cracking Resistance

Suggested Applications

- Blow Pallet
- Chemical Drums
- 220ℓ Large Drums

Processing Recommendation

- Stock Temp. : 190~ 230 °C

Specification Data

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

Nominal Physical Properties

Properties	Test Method	Metric	
		Unit	Value
Melt Index (190°C, 21.6Kg)	ASTM D 1238	g/10min	2.2(HLMI)
Density	ASTM D 1505	g/cm ³	0.954
Tensile Yield Strength	ASTM D 638	kg/cm ²	280
Ultimate Elongation	ASTM D 638	%	>600
Flexural Modulus	ASTM D 790	kg/cm ²	12,000
IZOD Impact Strength (23°C)	ASTM D 256	kg.cm/cm	Non-break
Brittleness Temperature	ASTM D 746	°C	<-76
ESCR (Condition B, F50)	ASTM D 1693	Hr	>700

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



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