

[TOP](#)

## POLYETHYLENE

Products of Daelim are NO. 1 in quality and service

» [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**

 **Print**

 **LIST**

**TR147F**

#### Customer Benefits

High Impact Strength  
High Dimensional Stability  
Low Odour

#### Suggested Applications

Soft Drink Bottle Cap  
Mineral Water Bottle Cap

#### Processing Recommendation

Stock Temp. : 200~ 260℃

#### Specification Data

ASTM D 1248-TypeⅢ, Class A, Category 4  
FDA Regulation 177. 1520 Suitable for Food Packaging

| Properties                 | Test Method | Unit               | Value     |
|----------------------------|-------------|--------------------|-----------|
| Melt Index (190℃, 2.16Kg)  | ASTM D 638  | g/10min            | 0.55      |
| Density                    | ASTM D 638  | g/cm <sup>3</sup>  | 0.954     |
| Tensile Yield Strength     | ASTM D 638  | kg/cm <sup>2</sup> | 230       |
| Ultimate Elongation        | ASTM D 638  | %                  | >600      |
| Flexural Modulus           | ASTM D 790  | kg/cm <sup>2</sup> | 9,000     |
| IZOD Impact Strength (23℃) | ASTM D 256  | kg.cm/cm           | Non Break |
| Brittleness Temperature    | ASTM D 746  | ℃                  | <-76      |
| ESCR (F50, 10% Igepal)     | ASTM D 1693 | hr                 | 90        |
| Rockwell Hardness          | ASTM D 785  | R.Scale            | 50        |

[+ Go Family Site](#)

10il The Korea Chamber of Commerce & Industry B/D, 45 4ga Namdaemunro, Jung-gu, Seoul, 100-743 Korea **DAELIM Petrochemical Division** (82)-2-3708-3000  
COPYRIGHT © 2002-2005 ALL RIGHTS RESERVED BY DAELIM