

HANWHA

Low Density Polyethylene

950

Extrusion Coating Grade

MELT INDEX **7.5**
DENSITY **0.919**

HANWHA LDPE 950 is manufactured by autoclave process and designed for variety of extrusion coating application such as aseptic paper can, flexible packaging, paper coating etc. LDPE 950 is well known for its good draw-down characteristics and high quality assurance.

This product complies with U.S. FDA regulation 21 CFR 177.1520 (c) 2.1.

▣ Outstanding Properties

Excellent Drawability
Very Small Neck-in
Excellent Heat Sealability

▣ Processing Conditions

Cylinder : 200 ~ 330°C
Adapter/Head : 310 ~ 330°C
T-Dies : 310 ~ 330°C

▣ Additives

None

▣ Physical Properties

| Physical Properties | Unit | Test Method | Value |
|---|--------------------|-------------|-------|
| Melt Index | g/10min | ASTM D1238 | 7.5 |
| Density | g/cm ³ | ASTM D1505 | 0.919 |
| Vicat Softening Point | °C | ASTM D1525 | 85 |
| Melting Point | °C | ASTM D3417 | 105 |
| Tensile Strength at Break | kg/cm ² | ASTM D638 | 110 |
| Elongation at Break | % | ASTM D638 | 450 |
| Brittleness Temperature, F ₀ | °C | ASTM D746 | <-76 |
| Allowable Coating Speed | m/min. | - | 250 |

1. These are typical properties : not to be construed as specification.

2. The value for this property is dependent on part geometry and fabrication conditions.

