

# HANWHA

## Coating Resin

# 9730

Extrusion Coating Grade

**MELT INDEX** 15.0  
**DENSITY** 0.922

HANWHA Coating Resin 9730 is manufactured by UNIPOL gas phase process and designed for variety of extrusion coating application such as tarpaulin especially. Coating Resin 9730 is well known for its excellent draw-down, adhesion to HDPE yarn and high quality assurance.

This product complies with U.S. FDA regulation 21 CFR 177.1520 (c) 3.1.a.

### ■ Outstanding Properties

High Drawability, Low Neck-in  
Strong Adhesion to HDPE, PP Woven Cloth  
Good Compatibility with Color Master batch

### ■ Processing Conditions

Cylinder : 200 ~ 300°C  
Adapter/Head : 300°C  
T-Dies : 300°C

### ■ Additives

Antioxidant

### ■ Physical Properties

| Physical Properties                     | Unit               | Test Method | Value |
|-----------------------------------------|--------------------|-------------|-------|
| Melt Index                              | g/10min            | ASTM D1238  | 15.0  |
| Density                                 | g/cm <sup>3</sup>  | ASTM D1505  | 0.922 |
| Vicat Softening Point                   | °C                 | ASTM D1525  | 94    |
| Melting Point                           | °C                 | ASTM D3417  | -     |
| Tensile Strength at Yield               | kg/cm <sup>2</sup> | ASTM D638   | 105   |
| Tensile Strength at Break               | kg/cm <sup>2</sup> | ASTM D638   | 170   |
| Elongation at Break                     | %                  | ASTM D638   | 670   |
| Brittleness Temperature, F <sub>0</sub> | °C                 | ASTM D746   | <-76  |
| Allowable Coating Speed                 | m/min.             | -           | > 300 |

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.



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