

HANWHA Low Density Polyethylene

951

Extrusion Coating Grade

MELT INDEX **8.5**
DENSITY **0.919**

HANWHA LDPE 951 is manufactured by autoclave process and designed for variety of extrusion coating application such as aseptic paper can, flexible packaging, paper coating etc. LDPE 951 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	8.5
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.	-	>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.



Hanwha Solutions