

# HDPE

HDPE for Blown Film

## ► F920A

### ● Description

F920A is a high-density polyethylene resins for blown film applications. This grade is designed to be processed in conventional LLDPE blown film equipment.

### ● Characteristics

- Excellent transparency and high stiffness
- Good processability
- Good compatibility with LDPE and LLDPE

### ● Applications

- Stand-up Pouches, Tissue & towel overwrap, Labels
- Fresh-cut produce packaging
- Blend with LDPE and LLDPE

### ● Food Contact Application

- Hanwha Total F920A meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.
- In case you might need additional technical or regulatory information, please contact Hanwha Total Polymer Technical Service Team.

## ● Physical Properties

### ► Resin Properties

Properties	Test Method	Units	F920A
Melt Index	ASTM D1238 190 °C / 2.16 kg	g/10min	1.0
Density	ASTM D1505	g/cm <sup>3</sup>	0.956

### ► Film Properties

Properties		Test Method	Units	F920A
Film Thickness		-	μm	25
Haze		ASTM D 1003	%	20
Gloss		ASTM D 2457	%	40
Tensile Strength at Yield	MD	ASTM D 882	kg/cm <sup>2</sup>	500
	TD	ASTM D 882	kg/cm <sup>2</sup>	350
Elongation at Break	MD	ASTM D 882	%	550
	TD	ASTM D 882	%	750
Elmendorf Tear Strength	MD	ASTM D 1922	kg/cm <sup>2</sup>	20
	TD	ASTM D 1922	kg/cm <sup>2</sup>	500

Data performed by or on behalf of Hanwha Total