

# 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

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## ● 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

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## ● **Food Contact Application**

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- ▶ 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.

## ● **Contacts**

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### ▶ **Product Information & Technical Services**

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