

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

● 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 ³	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 ²	500
	TD	ASTM D 882	kg/cm ²	350
Elongation at Break	MD	ASTM D 882	%	550
	TD	ASTM D 882	%	750
Elmendorf Tear Strength	MD	ASTM D 1922	kg/cm ²	20
	TD	ASTM D 1922	kg/cm ²	500

Data performed by or on behalf of Hanwha Total

● **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.

● **Contacts**

▶ **Product Information & Technical Services**

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