# Westlake Chemical

# LF9220AA

Linear Low Density Polyethylene

## Application/Uses

- Bags and sacks
- Agricultural films
- Trash bags and liners
- Co-extruded structures

## Product Description

*Westlake LF9220AA is a hexene LLDPE with excellent physical properties and heat sealing characteristics, which allow for down-gauging and blending with other materials. Typical applications include stretch films, heavy duty bags and sacks, agricultural films, and trash bags & liners. This Kosher compliant material is available with various slip and antiblock levels.*

### *Typical Physical Properties*

| Property | | Test Method | Typical Value, Units |
|---|---|---|---|
| Melt Index | | D 1238 | 1.0 g/10 min |
| Density* | | D 1505 | 919 kg/m$^3$ (0.919 g/cm$^3$) |
| Haze* | | D 1003 | 15.0 % |
| Dart Impact | | D 1709 | 220 g/mil |
| Tensile Break | MD | D 882 | 5,900 psi |
| | TD | D 882 | 4,100 psi |
| Ultimate Elongation | MD | D 882 | 670 % |
| | TD | D 882 | 900 % |
| 1% Secant Modulus | MD | D 882 | 30,000 psi |
| | TD | D 882 | 36,000 psi |

[a] *Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.*
[b] *Unless noted otherwise, the test method is ASTM.*
[c] *Units are in SI or US customary units.*

**NOTES**
**Kosher Compliant**. Test specimens for blown film: nominal thickness 1.0 mils fabricated at 2.5:1 BUR.

**FDA**
This product has some 21 CFR clearances. Please contact Westlake Product Regulatory Department for statements.

**PROCESSING**
Blown melt temperatures of 400° F – 420° F are recommended for Westlake Chemical LF9220AA.

**COMMENTS**
Properties reported here are based on limited testing. Westlake makes no representation that the material in any particular shipment will conform exactly to the values given.



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