



SOUTHERN POLYMER

An **AUDIA**® Company



PRIMALENE®

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WPP831PR

A bimodal high molecular weight high density polyethylene

TYPICAL APPLICATIONS:

- T-shirt bags
- Trash can liners
- Industrial liners
- Heavy duty bags

Features:

- Designed for high dart impact strength
- Good stiffness for thin gauge film applications
FDA 21 CFR 177.1520

Physical Properties	Typical Values*	Test Method(s)
Melt Index (HLMI) Melt Index	8.5 g/10 min 0.04 g/10 min	D-1238
Density	0.949 g/cm ³	D-1505
Melting Point	131 °C	DSC
Tensile Strength, Break MD TD	9,000 psi 4,100 psi	D-882
Tensile Elongation, Break MD TD	300% 410%	D-882
Elmendorf Tear Strength MD TD	14 g/mil 25 g/mil	D-1922
Dart Drop Impact Strength	210 g/mil	D-1709

* Values given are typical and should not be interpreted as product specification. To obtain values for specific application purposes, contact your Southern Polymer representative.

The results reported are typical and based on reliable testing procedures. However, due to variable processing methods and conditions, no guarantees or warranties are expressed or implied, including expressions of fitness for purpose or merchantability. No recommendations are made to infringe on patents.