



SOUTHERN POLYMER

An **AUDIA**® Company



PRIMALENE®

Southern Polymer

WPP731

An 11.0 melt index high density polyethylene

TYPICAL APPLICATIONS:

- General purpose molding
- Extrusion

Features:

- Narrow molecular weight distribution
FDA 21 CFR 177.1520

Physical Properties	Typical Values*	Test Method(s)
Melt Index (190 °C/2.16 kg)	11.0 g/10 min	D-1238
Density	0.951 g/cm ³	D-4883
Tensile Strength, Yield (2 in/min)	3,700 psi	D-638
Elongation, Break (2 in/min)	>500%	D-638
Flexural Modulus, Tangent	175,000 psi	D-790
Hardness (Shore D)	65	D-2240
Vicat Softening Point	262 °F	D-1525
Deflection Temperature at 66 psi	171 °F	D-648
Brittleness Temperature	<-103 °F	D-746
Notched Izod Impact Strength	0.94 ft-lb/in	D-256