



Linear Low Density Polyethylene (LLDPE) - Film - LL22501AA

Property	Unit	Test	Value
Density	(g/ml)	0.922	ASTM D 1505
M	(g/10min)	0.95	ASTM D 1238
Dart Impact	(g)	80	ASTM D 1709
Elmendorf Tear MD/TD	(g)	105/460	ASTM D 1922
Tensile strength at yield MD/TD	(MPa)	13/12.5	ASTM D 882
Tensile strength at Break MD/TD	(MPa)	45/30	ASTM D 882
Ultimate Elongation MD/TD	(%)	680/780	ASTM D 882
2% Secant modulus MD/TD	(MPa)	200/240	ASTM D 882
Haze	(%)	21	ASTM D 1003
G	(%)	38	ASTM D 2457
DEG Content	%wt		Max1.5
Color(CIE Lab)	L	ZIMMER WN-B010-7110E	>90
Carboxyl End Group	meq/gr	ZIMMER WN-B010-7090E	Max 32
Melting Point		ZIMMER WN-B010-7089E	248+2
Acetaldehyde (AA) <0.3 ZIMMER WN-B010-7089E	ppm	ZIMMER WN-B010-9013E	<1
Water Content	%wt	ZIMMER WN-B010-7089E	<0.3