



BICSOL LDPE L222BA

Low Density Polyethylene

Technical Data Sheet

BICSOL L222BA is a tubular resin with good balance of optical and mechanical properties. It processes on both blown and cast.

Application: Bakery Film Foams Compounding Blending with LLDPE

Property	Nominal Values	English Units	Nominal Values	SI Units	Test Method
Melt Index (190°C, 2.16 kg)	2.0	g/10 min	2.0	g/10 min	ASTM D1238
Density	0.924	g/cm ³	0.924	g/cm ³	ASTM D1501
Base Density	0.922	g/cm ³	0.922	g/cm ³	Sasol Method
Tensile strength at yield MD	1500	psi	10	MPa	ASTM D882
Tensile strength at yield TD	1600	Psi	11	MPa	ASTM D882
Tensile strength at break MD	3600	Psi	25	MPa	ASTM D882
Tensile strength at break TD	2700	Psi	19	MPa	ASTM D882
Elongation MD	130	%	130	%	ASTM D882
Elongation TD	490	%	490	%	ASTM D882
1% Secant Modulus MD	30000	Psi	210	MPa	ASTM D882
1% Secant Modulus TD	37000	Psi	260	MPa	ASTM D882
Elmendorf Tear MD	440	g	440	g	ASTM D1922
Elmendorf Tear TD	110	g	110	g	ASTM D1922
Dart Drop Impact Strength (F ₅₀)	120	g	120	g	ASTM D1709A
Haze	6	%	6	%	ASTM D1003
Gloss (45°)	69		69		ASTM D2457

Additives: Slip ; Antiblock; Antioxidant

Notes:

The specifications listed are based on representative samples and not the actual product shipped.

*Typical properties: these are not to be construed as specifications.