

Product Data Sheet: BG-LD-2520 E22

Low Density polyethylene	Injection molding	
LDPE: BG-LD-2520 E22	Density: 0.926	MFI: 22

Feature:

Good flexibility
Fast cycling

Application:

Injection molding
- Flexible closures

Additive:

No additive
No Anti-oxidant

❖ **Material properties** (this data are typical values and shall not be construed as product specifications.)

Typical Properties	Value	Units	Test Method
Density (23° C)	0.926	gr/cm3	ISO 1183
MFR (190° C/2.16 Kg)	22	gr/10min	ISO 1133
Melting Point	114	° C	ISO 3146
Vicat Softening Temperature A/50	95	° C	ISO 306
Shore D Hardness	55	-	ISO 868
Tensile Strength at break	6.17	Mpa	ISO527-2
Tensile Elongation at break	79.7	%	ISO527-2
Tensile Elongation at Yield	16.7	%	ISO527-2
Tensile Strength at Yield	10.3	Mpa	ISO527-2
Tensile Modulus	266	Mpa	ISO527-2
HDT(0.46 MPa)	43	° C	ISO- 75
Flexural Modulus	308	Mpa	ISO-178
Izod Impact (Notch 23° C)	61.3	Kj/m2	ASTM D256

* Guaranteed items: MFR & Density.

1) Typical values; not to be construed as specifications