

LL20001JBK

Linear Low Density Polyethylene Compound

Special Characteristics : LL20001JBK is a product of injection grade of LLDPE which is specially designed for gasket. It also exhibits high ductility and tensile strength as well as suitable for automotive applications.

Typical Applications : Injection molding for Automotive parts

Color: General Black

Typical Properties :

Properties	LL20001JBK	Unit	Test Method
Physical Properties			
Melt Flow Rate (190°C, 2.16 Kg)	20	g/10 min	ASTM D1238
Density	0.92	g/cm ³	ASTM D792
Mechanical Properties			
Tensile Strength	11	MPa	ASTM D638
Elongation at Break	600	%	ASTM D638
Hardness	62	Shore D	ASTM D2240
Vicat softening point at 10 N	92	°C	ASTM D1525
Mold Shrinkage			
Machine Direction (MD)	1.6 ± 0.1	%	ASTM D955
Transverse Direction (TD)	1.9 ± 0.1	%	ASTM D955

Recommendation :

For injection molding

- Melt temperature: 170-190°C*
- Nozzle Temperature: 180-200°C

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Note : Properties reported here are typical values of the product, not to be considered as specifications.

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