Shanghai Leadgo-Tech Co.,Ltd.

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LVBF150R-3 TDS

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Advanced Materials
上海沥高科技股份有限公司

LVBF150R-3

Document NO.: LG-YF-BF-129 Edition: A/O

DESCRIPTION

LVBF 150R-3 is a multilayer co-extruded vacuum bagging film with releasing function ,widely used in marine and wind energy industries.

◆ CHARACTERISTIC

- Self releasing on one side for phenolic and epoxy systems
- Smooth surface with no pinhole or anything others
- Steady heat resistance

♦ PROPERTIES

| Specifications | | |
|----------------------------|-------------------|--|
| Color | Red | |
| Thickness/in | 0.004(90um) | |
| Width/in | up to 413 (10.5m) | |
| Planar density /[g/m²] | 90 | |
| Maximum Use Temperature/°F | 320(160°C) | |

| Physical Properties | | | | |
|----------------------|-----------|--------|--|--|
| Tensile Strength(MD) | ACTM DOO2 | 45 MPa | | |
| Tensile Strength(TD) | ASTM D882 | 40 MPa | | |
| Elongation(MD | ACTM DOO | 400% | | |
| Elongation(TD) | ASTM D882 | 400% | | |

note: use this film crimped, and this situation is normal; This film has a positive and negative side, please pay attention to the distinction.

◆ RECOMMENDED PROCESS

LVBF150R-3 has high strength and high elongation, excellent resistance to phenolic and epoxy resin. It is recommend to be used in cure process below 320°F.

♦ STORAGE

All Nylon-based films absorb water. The moisture content of Nylon films may affect their physical properties. LVBF150R-3 is packed in roll and in polyethylene bag, stored in a clean and humid environment with 30%-70%RH and 41°F-77°F.