

Product: Genfil® XLBD-LM1
Gendon Code: 2504



Revision Date: Dec 5, 2019

Genfil® XLBD-LM1 is a cross linkable zero halogen flame retardant cable bedding compound that was designed as a moisture proof bedding compound for shipboard cable systems. This material is designed with a low mooney viscosity to be extruded easily.

Key Features:

- High flame retardancy
- Good processibility
- Uses no heavy metals or halogenated ingredients

Physical Properties:

Density: 1.57 g/cm³
Tensile: 250 psi (typical)
Elongation: 75% (typical)
Physical Form: Pellets

Combustion Properties:

Limited Oxygen Index (LOI): 40%

Suggested Running Conditions:

| | | | | | |
|---------------|--|--------------|-----------|--------------|-----------------|
| Extruder L/D: | 20:1 or 25:1 | Comp. Ratio: | 1.25:1 | Screen Pack: | 20 Mesh or none |
| Screw Type: | Single Flight metering, without mixing section | | | | |
| Feed Zone: | 190°F | Center Zone: | 190-200°F | Head/Die: | 220°F |

Processing Techniques: Gendon's XLBD-LM1 Zero Halogen compound is designed to process easily, and maintain low scrap rates.
