

**FEPM 90 (ED)**

Peroxide-cured FEPM compound which is designed to offer good processing characteristics and resistance to explosive decompression.

|                           |                     |
|---------------------------|---------------------|
| Press Cure                | 20 minutes @ 175 °C |
| Post Cure                 | 16 hours @ 250 °C   |
| Service Temperature Range | 0°C to 235°C        |
| Peak Working Temperature  | + 275°C             |

**Original Properties**
**ASTM D2240 / ISO 37 (Type 2)**

|                     | Units  | Typical Result |
|---------------------|--------|----------------|
| Hardness            | ShoreA | 90             |
| Tensile Strength    | MPa    | 17.3           |
| M100                | MPa    | 16.6           |
| Elongation to Break | %      | 107            |

**Compression set (22h @ 200°C)**
**BS ISO 815-1 (Method A)**

|     | Units | Typical Result |
|-----|-------|----------------|
| Set | %     | 20             |

**Rapid Gas Decompression (RGD) testing**
**ISO 23936-2**

| 312 O ring size ; 150bar-100°C-168hours ; 10:90 CO <sub>2</sub> :CH <sub>4</sub> | Typical Result |
|--|----------------|
| Rating   | 0000           |

**IMPORTANT NOTE**

All information based on judgment is offered in good faith. Where no empirical data for the compound exists Clwyd Compounders Ltd. accepts no liability express or implied as to its validity.

**Please contact us for further information:**

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