

FKM 90 (ED) (6)

This formulation is based on a high viscosity Viton A type for improved physical properties and optimum compression set resistance. The working temperatures set out below are based on supplier information and will be dependant on the specific environment the component is used in.

| | |
|---------------------------|---------------------|
| Press Cure | 10 minutes @ 165 °C |
| Post Cure | 16 hours @ 220 °C |
| Service Temperature Range | - 14°C to 220°C |
| Peak Working Temperature | + 260°C |

Original Properties
BS ISO 48-2 / ASTM D2240 / ISO 37 (Type 2) / ISO 34-1 (Method C)

| | Units | Typical Result |
|----------|-------|----------------|
| Hardness | IRHD | 90 |
| S.G. | - | 1.84 |

| | | |
|---------------------|------|------|
| Tensile Strength | MPa | 20.2 |
| M100 | MPa | 17.4 |
| Elongation to Break | % | 115 |
| Tear Strength | N/mm | 29 |

Compression set (24h @ 200°C)
BS ISO 815-1 (Method A)

| | Units | Typical Result |
|-----|-------|----------------|
| Set | % | 17 |

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.

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