

FKM 90 (ED) (1)

Peroxide-cured FKM Type 2 67% F compound, which is designed to offer resistance to explosive decompression. It is suitable for hydrocarbon & oxygenated fuels, aliphatic & aromatic hydrocarbon process fluids, water, steam, and mineral acids, but not strong alkalis, amines, or sour gases such as hydrogen sulphide.

Press Cure	10 minutes @ 165 °C
Post Cure	16 hours @ 220 °C
Service Temperature Range	- 15°C to 200°C
Peak Working Temperature	+ 250°C

Original Properties
BS ISO 48-2 / ASTM D2240 / ISO 37 (Type 2)

	Units	Typical Result
Hardness	ShoreA	90
Tensile Strength	MPa	17.8
M100	MPa	15.8
Elongation to Break	%	116

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

	Units	Typical Result
Set	%	13

Rapid Gas Decompression (RGD) testing
ISO 23936-2

312 O ring size ; 150bar-100°C-168hours ; 10:90 CO ₂ :CH ₄	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.

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