

## FKM 90 BR (ED)

This compound is based on a 65% fluorine, peroxide-cured fluoroelastomer. This compound has not been previously tested so the following data is based on information from similar, but not identical formulations and information. This product has been formulated using a base resistant FKM that exhibits excellent chemical resistance to bases, ATF fluids, steam, amine containing fluids, and high PH packages. This compound also exhibits good mechanical properties and excellent mouldability.

Press Cure	10 minutes @ 165 °C
Post Cure	16 hours @ 220 °C
Service Temperature Range	- 7°C to 200°C
Peak Working Temperature	+ 250°C

### Original Properties

### ASTM D2240 / D412

	Units	Typical Result
Hardness	IRHD	90
S.G.	-	1.74

Tensile Strength	MPa	18
Elongation to Break	%	115

### Compression set (70h @ 200°C)

### D395

	Units	Typical Result
Set	%	25

### 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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