



## **FFKM – Perfluoroelastomer Compound**

### **DATA SHEET**

#### **Nexus FFKM 91630B**

##### **Description**

Nexus FFKM 91630B is a uniquely formulated Perfluoroelastomer Compound which has excellent high temperature and chemical resistance. The modulus of FFKM 91630B allows for both easy installation and resistance to extrusion. FFKM 91630B not only shows little susceptibility to swelling due to the low permeability of the material, FFKM 91630B also exhibits a very low compression set at high temperatures. This general purpose FFKM o-ring is ideal for both static and dynamic applications that require Perfluoroelastomer o-rings within pumps, valves and mechanical seals.

##### **Available Sizes**

Nexus FFKM 91630 B is available in most British Standard (BS) and Metric Sizes.

##### **Specification**

<b>PHYSICAL PROPERTIES:</b>	
HARDNESS (Shore A) +/-5	74
TENSILE STRENGTH (MPa)	14.7
ELONGATION AT BREAK (%)	177
100% MODULUS (MPa)	9.3
COMPRESSION SET 72 Hrs @ 200°C (%)	19
MAXIMUM OPERATING TEMPERATURE (°C)	300
COLOUR	Black