

COMPOUND DATA SHEET

Compound : **DF801**

Elastomer : **FKM**

Characteristics	Unit	Test method	Value
Color			BLACK
Original physical properties			
▪ Hardness Shore A	Point	ISO 7619	79
▪ Hardness IRHD	°SN	ISO 48	78
▪ Tensile strength	MPa	ISO 37	15
▪ Elongation at break	%	ISO 37	175
Compression set: 72h at 200°C	%	ISO 815-1	18
Low temperature properties			
▪ TR10	°C	ISO 2921	-14
▪ Brittle point	°C	ISO 812	-25
Fluid resistance		ISO 1817	
▪ Volume change after 70h at 150°C in:	%		
- Oil n°1			0
- Oil n°2			+1
- Oil n°3			+2
▪ Volume change after 70h at 23°C in:	%		
- Liquid A			0
- Liquid B			+2
- Liquid C			+4
Additional information:			
▪ Approved for gas: EN549 – H3E1 and EN682 – H80			

- The results above are the typical values taken from numerous tests carried out on pieces in accordance with ISO standards.
- The data listed here fall within the normal range of properties, but it should not be used to establish specification or performance limits.
- These typical data are not sufficient to determine the suitability of a material for a particular purpose, and cannot be used as a basis of design.
- This compound is not necessarily suitable for manufacturing all types of products.

CONSULT US BEFORE FINALISING DECISIONS.