

## COMPOUND DATA SHEET

Compound : **EP856**

Elastomer : **EPDM**

Characteristics	Unit	Test method	Value
Color			BLACK
<b>Original physical properties</b>			
▪ Hardness Shore A	Point	ISO 7619	80
▪ Hardness IRHD	°SN	ISO 48	83
▪ Tensile strength	MPa	ISO 37	16
▪ Elongation at break	%	ISO 37	160
<b>Compression set: 24h at 150°C</b>	%	ISO 815-1	12
<b>Low temperature properties</b>			
▪ TR10	°C	ISO 2921	-46
▪ Brittle point	°C	ISO 812	-55
<b>Fluid resistance</b>		ISO 1817	(NR: not resistant)
▪ Volume change after h at °C in:	%		
- Oil n°1			NR
- Oil n°2			NR
- Oil n°3			NR
▪ Volume change after h at °C in:	%		
- Liquid A			NR
- Liquid B			NR
- Liquid C			NR
<b>Additional information:</b>			
▪ Approved for drinking water: UK (WRAS – BS 6920), Germany (KTW), and France (ACS)			

- 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.**