

COMPOUND DATA SHEET

Compound : **PC851**

Elastomer : **NBR**

Characteristics	Unit	Test method	Value
Color			BLACK
Original physical properties			
▪ Hardness Shore A	Point	ISO 7619	78
▪ Hardness IRHD	°SN	ISO 48	79
▪ Tensile strength	MPa	ISO 37	17
▪ Elongation at break	%	ISO 37	225
Compression set: 24h at 100°C	%	ISO 815-1	15
Low temperature properties			
▪ TR10	°C	ISO 2921	-25
▪ Brittle point	°C	ISO 812	-35
Fluid resistance		ISO 1817	
▪ Volume change after 70h at 100°C in:	%		
- Oil n°1			-7
- Oil n°2			-1
- Oil n°3			+8
▪ Volume change after 70h at 23°C in:	%		
- Liquid A			+1
- Liquid B			+25
- Liquid C			+40
Additional information:			
▪ Approved for gas: EN549 – H3B1			

- 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.