

COMPOUND DATA SHEET

Compound : **7PD1612**

Elastomer : **NBR**

Characteristics	Unit	Test method	Value
Color			BLACK
Original physical properties			
▪ Hardness Shore A	Point	ISO 7619	74
▪ Hardness IRHD	°SN	ISO 48	75
▪ Tensile strength	MPa	ISO 37	21
▪ Elongation at break	%	ISO 37	225
Compression set: 24h at 125°C	%	ISO 815-1	15
Low temperature properties			
▪ TR10	°C	ISO 2921	-24
▪ Brittle point	°C	ISO 812	-35
Fluid resistance		ISO 1817	
▪ Volume change after 70h at 100°C in:	%		
- Oil n°1			-2
- Oil n°2			+5
- Oil n°3			+16
▪ Volume change after 70h at 23°C in:	%		
- Liquid A			+3
- Liquid B			+35
- Liquid C			+60
Additional information:			
<ul style="list-style-type: none"> ▪ Approved for drinking water: UK (WRAS – BS 6920), Germany (KTW), USA (NSF Std 61) et France (ACS) ▪ Approved for gas: EN549 – H3B2 			

- 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.