

## **Technical Data Sheet**

## Nitrile Rubber BS2751 BA40

	CHEMICAL DESCRIPTION:	Acrylonitril	e Butadiene, I	Nitrile Butadiene Rubber (NBR)
	PHYSICAL PROPERTIES	<u>}</u>		
	TENSILE STRENGTH:	7 MPa	(Min)	
	ELONGATION AT BREAK:	600%		$  \cap \circ  $
	ABRASION RESISTANCE:	175mn	n <sup>3</sup>	
	HEAT RESISTANCE:	-30°	+ 110°C	0
()	SPECIFIC GRAVITY:	1.3 +/-	0.02	
	HARDNESS RANGE:	40° Sh	n. A +/- 5°	
	CHEMICAL RESISTANCE	E.		
OM	WATER:	Good t	to Excellent	
	DILUTE ACIDS & BASES:	Good		
	ALKALIS:	Good t	to Excellent	
	OZONE:	Poor		
	HYDROCARBONS:	Moder	ate	
Z	SOLVENTS:	Modera	ate	
	VOLUME SWELLING:	ASTM 5 Inc. Vol Oil %	IRM903 Inc.	Vol. Oil %

	WATER:	G	Good to	Excellent	
	DILUTE ACIDS & BASES:	G	Good		
	ALKALIS:	G	Good to	Excellent	
	OZONE:	Р	oor		
	HYDROCARBONS:	N	/lodera	te	
	SOLVENTS:	N	/lodera	te	
)	VOLUME SWELLING:	ASTM 5 Inc. Vol 0	Oil %	IRM903 Inc. Vol. Oil %	
	70 HOURS @ 70°C	1	0		30
	This is a British Standard Nitrila	Dubbor to DC0751		a a recognized standard	l anguras that the

This is a British Standard Nitrile Rubber to BS2751. Using a recognised standard ensures that the material will always comply to it no matter who the manufacturer is.

This ensures continuity of operation which can vary if non-standard materials are used.



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.





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