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C80 Neoprene Grade 183

Property	Test Method	Units	Typical Value
Specific Gravity	BS 903: Part A1		1.50
Hardness	BS 903: Part A26	IRHD	80 +5/-4
Tensile Strength	BS 903: Part A2	Kg/cm^2	133
Elongation at Break (min)	BS 903: Part A2	%	100%
Compression Set 70°C/24hrs/25% (max)	BS 903: Part A6	%	25% (max)
Tear Resistance - Angular (min)	BS 903: Part A3	Kg/cm	45 (min)
Heat Ageing - 168hrs @ 70°C	BS 903: Part A19		
Hardness Change (max)	BS 903: Part A26	Pts	+7
Tensile Strength Change (max)	BS 903: Part A2	%	-12
Elongation at Break Change (max)	BS 903: Part A2	%	-20
Volume Swell in Fuel B @ 40°C/24hrs (max)	BS 903: Part A16	%	+60% (max)
Low Temperature Resistance @ -40°C	BS 903: Part A13		Meets Requirements
Adhesion & Corrosion of Metals	BS 903: Part A37		Meets Requirements
Polymer Content (Neoprene)			100%
Chemical Resistance			
Ozone	BS 903: Part A43		Good
Dilute Acids & Bases	BS 903: Part A16		Good
Concentrated Acids & Bases			Not Recommended
Mineral Oils - Paraffinic & Naphthanic			Good
Mineral Oils - Aromatic HC			Fair
Animal/Vegetable Oils			Good
Solvents			Fair
Temperature Range			-30°C to +120°C
Colour			Black

The above figures are average values and should be considered as guidelines not specifications. While reasonable care has been taken to ensure that this data is representative, we do not warrant or otherwise guarantee, expressly or impliedly, the suitability, accuracy, reliability or completeness of the information. We recommend evaluation prior to use to ascertain the suitability of the material for the application.