

# Technical Data Sheet

## Flame Retardant Neoprene Sponge (WCM180)

**SPONGE & FOAM**

<b>CHEMICAL DESCRIPTION:</b>	CR
<b>PHYSICAL PROPERTIES</b>	
TENSILE STRENGTH: (ASTM D412)	1.27 KPa
COLOUR:	Grey
DENSITY (ISO 485-88 – ASTM D3575)	170-220 Kg/m <sup>3</sup>
HARDNESS:	38-55 Sh 00
COMPRESSION STRENGTH @ 25%	35 - 63 KPa
WATER ABSORPTION:	< 5%
ULTIMATE ELONGATION: (ASTM D412)	>250%
TEAR RESISTANCE: (ASTM D624)	0.58 kn/m
OZONE RESISTANCE:	Very Good
TEMPERATURE RANGE:	-20 - +100°C
FIRE RESISTANCE:	UL94 - HF1 from 2mm to 8mm
SPECIFICATION:	ASTM D1056-00 2C2 B2C
AFNOR NF F 16-101/88:	<i>Grid 5</i>
Fire Reaction	M2
Smoke Reaction	F3
Smoke Index	44

WCM180 is a good quality flame retardant Neoprene sponge which can be used where the risk of flame is evident. Care should be taken regards self-adhesive backings as most are not flame retardant.



Certificate Number: 14352  
ISO 9001



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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