



## Neopren, CR 1225

Cellular Rubber

Last Changed

03-12-2009

Properties	Standard (Test method)	Unit	Value
Cellular structure			Closed
Colour			Black
Density		kg/m <sup>3</sup>	150/200
Temperature - service (continuous)		°C	-40 to +115
Temperature - short time		°C	+130
Compression defl., change; 22h/100°C	ASTM D 1056-0	%	24,2
Compression defl., change; 7d/70°C	ASTM D 1056-0	%	19,7
Compression deflection 25%	ASTM D 1056-0	kPa	45
Compression deflection 50%	NF R 99211-80	%kPa	122
Compression set; 50%/22h/23°C	ASTM D 1056-0	%	18,7
Compression set; 50%/22h/40°C	NFR 99-211	%	41
Linear shrinkage; 22h/70°C		%	4
Tear resistance	NF R 99211-80	kN/m	0,8
Tensile strength	DIN 53571	kPa	780
Ultimate elongation	DIN 53571	%	134
Water absorption	ASTM D 1056-0	%	1,1
Fire resistance	FMVSS 302		Conform
Fire resistance	UL 94		HF1
Ozone resistance	220pphm/30°C/48h		No cracking
Resistance to fuel B ASTM	Weightchange after 7 days@23°C	%	120
Corrosive effect on Cu & Ag			Corrosive
Paint staining	NFT 46-031		Staining
Recycling			can br recycled

### Miscellaneous:

Neoprene for general applications with very good mechanical characteristics, fire, oil and temperature resistance.

Environmental protection: CFC free, IMDS data sheet available, complies with the european prescription 2000/53/CE on heavy metals.

Store in a well ventilated place at room temperature.

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