Adhesive Backed Materials Ltd
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Neoprene UL94-VO FR Grade 215

Property	Test Method	Units	Typical Value
Specific Gravity	ASTM D297		1.60 ± 0.05
Hardness	ASTM D2240	Shore A	65 ± 5
Tensile Strength (min)	ASTM D412	Kg/cm²	50
Elongation at Break (min)	ASTM D412	%	200%
Compression Set 70°C/24hrs/25% (max)	ASTM D395 Method B	%	50%
Tear Resistance - Angular (min)	ASTM D624	Kg/cm	20
Heat Ageing - 72hrs @ 70°C	ASTM D573		
Hardness Change (max)	ASTM D573	Pts	+5
Tensile Strength Change	ASTM D573	%	+10 / -20
Elongation at Break Change	ASTM D573	%	+10 / -20
Volume Swell @ 70°C / 72hrs	ASTM D471		
IRM Oil No. 901	ASTM D471	%	+18%
IRM Oil No. 902	ASTM D471	%	+23%
IRM Oil No. 903	ASTM D471	%	+60%
Chemical Resistance			
Ozone	ASTM D1149		No Cracks
Dilute Acids & Bases			Good
Concentrated Acids & Bases			Fair
Oils			Good
Solvents			Fair
Temperature Range			-30°C to +130°C
Fire Classification	NF F16-101		Meets M2 Requirement
Smoke Density	NF F16-101		Meets F3 Requirement
Smoke Toxicity	NF F16-101		Meets F3 Requirement
Flammability	UL 94		V0 Pass
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.