



DK2121 NEOPRENE BLEND UL FR (Flame Resistant)

MATERIAL SPECIFICATION SHEET

TECHNICAL DETAILS	STANDARD	TYPICAL VALUE	UNITS
Polymer		Neoprene Blend	
Colour		Black / Dull Grey	
Density (average)	ASTM D 1056-67 & 68	120	kg/m ³
Grade	ASTM D 1056-91 & 00 SAE J18-R7/92: 2C2	SCE42	
Compression Deflection (25%)		5-9	psi
Water Absorption (10% allowed)	By weight Max ASTM Method	5%	
Temperature Resist	Low °F	-40	°F
	High °F	+250	
Elongation	% Min	150	%
Heat Ageing	7 days @158°F	30	°F
Tensile Strength	Min	120	psi
Ozone 20% Stress. 72 hrs@100 PPHM	ASTM D1171-94, 1149-91 GM6086M, GM4486P	Pass	
Oil Resistance	Fluid Immersion E1 (7 days @ 23°C)	Pass	
Flame Resistance Grade (UL #E 208679)	UL 94 HF1	Pass	
Flame Resistance (UL # E 208679)	CAN/CSA C22.2 # 017-92	Pass	
UL50 – Standard for Safety Enclosures for Electrical Equipment UL #JLU2 (MH10200)		Pass	



ISO 9001:2015 Q93057 ISO 14001:2015 EMS 505718

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