

TRI-2-SOD/尼龙

Datasheet

TRI-2-SOD/尼龙与 TRI-2-SOD 相似, 只不过前者添加了尼龙表面涂层以提高耐磨性。典型的双涂层结构, 优点在于结合了聚酯-酰亚胺的优良热性能和聚酰胺表面涂层的机械性能。

典型应用为分数和整数马力电机、线圈和继电器、控制/干式变压器、密封线圈和直流场线圈。

Electrical properties

Electrical properties

	NEMA MW1000	ASTM D1676	IEC 851	JIS C3003	MW 77-C (Heavy), 18 AWG	MW 78-C (Heavy), 18 AWG
Dielectric strength @ 25°C	3.8.1.1	69-75	13-4.2,3,4	11.1	14.0 kV	13.5 kV
Dissipation factor @ 220°C - 1kHz		107-114			0.05	0.14
Tangent delta (DIN)					166°C	55/ 164°C

Mechanical properties

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Adherence and flexibility

No snap	3.3.1.1	141-148	8.5.1.1	8.1	Pass	Pass
20% snap	3.3.1.1	141-148		9.1	Pass	Pass
Cut-through temperature	3.50.1.1	61-68			306°C	264°C
Solderability 455°C (no flux)	3.13.1.1	178-185			5.5 sec.	6.0 sec.

Disclaimer: Recommendations are for guidance only, and the suitability of a material for a specific application can be confirmed only when we know the actual service conditions. Continuous development may necessitate changes in technical data without notice. This datasheet is only valid for Alleima materials.