



Spaldite® M-ARK 是有强韧的芳纶加强的三聚氰胺层压复合材料。它具有良好的抵抗氨水以及碳氢化合物腐蚀的性能。M-ARK 还具有很高的缺口冲击强度和粘结强度以及抗化学腐蚀性能。M-ARK 典型的工业应用包括泵叶片，尤其是在介质包含有多种不同液体工况。这种材料不建议使用于电子绝缘应用。

材料特性

材料性能	测试方法	预处理	厚度 英寸	平均值		工业要求	
				英制	公制	英制	公制
机械性能							
弯曲强度 正向	D-229	A 纵向 横向	.750	30.8 ksi	(MPa) 212.4	≥22.8 ksi	MPa ≥157.2
			.750	29.7 ksi	204.5	≥23.6 ksi	≥162.7
物理性能							
密度	D-792	A	.750	.052 lbs/in ³	1.43 g/cm ³	≥.051 lbs/in ³	≥1.4g/cm ³
硬度	D-229	A	.750	M-104	M-104	NR	NR
吸水性	D-229	D1-24/23	.750	3.7%	3.7%	≤4.5%	≤4.5%
丙酮厚度膨胀	ESR 163	A	.250-.499	.0005	.0005	≤.002	≤.002
			.500-.750	.0003	.0003	≤.003	≤.003

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