



HSM Wire International, Inc

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Properties of Litz Wire Insulating Materials

Insulating Material	Max Working temp (°C)	Brittleness temp (°C)	Specific Gravity (g/mL)	Water Absorption (%)
Nylon	90	0	N/A	N/A
PVC	105	-30	1.2	0.03
Polyurethane	108	-68	1.21	N/A
Polypropylene	135	0	0.9	<0.02
Kevlar	180	N/A	N/A	N/A
FEP	200	-270	2.15	<0.01
Nomex	220	N/A	N/A	N/A
PFA	250	-270	2.15	<0.03
Silicon Rubber	250	N/A	1.85	0.2
PTFE	260	-267	2.15	0.01
Polyimides	390	N/A	1.55	0.1
Mica	1000	N/A	N/A	N/A

**To be used as a guideline only, for Compound Material.

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