



ELECTRICAL INSULATION MATERIALS

6640 NMN composite material



PRODUCT PARAMETERS

Standard: GB/T5591.3-2008			NMN	NHN	NMN	NHN	NMN	NHN	NMN	NHN	NMN	NHN	NMN	NHN
Standard Thickness	mm		0.15		0.17		0.2		0.25		0.3		0.35	
Thickness Tolerance	±mm		0.02				0.03							
Basic weight	g/m2		150	140	170	170	210	190	280	250	350	300	440	350
Tensile Strength	MD	N/10mm	≥150	≥140	≥160	≥160	≥170	≥160	≥220	≥200	≥260	≥270	≥300	≥300
	MD After Bending		≥80	≥70	≥90	≥90	≥100	≥90	≥130	≥160	≥200	≥140	≥180	≥180
	TD		≥90	≥80	≥90	≥90	≥100	≥100	≥150	≥180	≥200	≥150	≥250	≥260
	TD After Bending		≥70	≥50	≥70	≥70	≥90	≥60	≥120	≥100	≥150	≥90	≥180	≥130
Elongation	MD	%	≥15	≥15	≥15	≥17	≥15	≥15	≥20	≥17	≥20	≥15	≥20	≥17
	TD		≥20	≥15	≥20	≥17	≥20	≥15	≥20	≥17	≥25	≥15	≥25	≥17
Breakdown Voltage	No bending	KV	≥7.0	≥7.0	≥8.0	≥9.0	≥11.0	≥10.0	≥13.0	≥10.0	≥15.0	≥10.0	≥20.0	≥10.0
	After Bending		≥6.0	≥6.0	≥7.0	≥8.0	≥9.0	≥8.0	≥12.0	≥8.0	≥13.0	≥8.0	≥16.0	≥8.0
Adhesion	As received	-	No Delamination											
	180±2°C/10min	-	No Delaminating, Blister or Gummosis											



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