



DATA SHEET

RODM - 6641

ROLL, LAMINATED DACRON + MYLAR

6641 (Class F DMD)

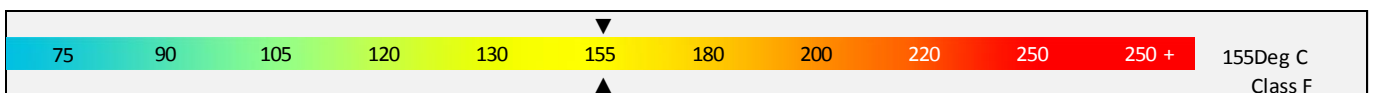
Shows good mechanical strength, electric properties and impregnating properties. The heat resistance is class F. It is suitable for y2 electrical machines as slot insulation, phase, turn and liner insulation.



ROLLS

6641 Main technical requirements

No.	Properties	units	Values											
1	Nominal thickness	mm	0.15	0.18	0.20	0.23	0.25	0.30	0.35	0.45				
2	Thickness tolerance	mm	±0.020	±0.025	±0.030	±0.030	±0.030	±0.030	±0.040	±0.040				
3	Nominal grammage and tolerance	g/m2	150±22	190±28	210±32	240±36	260±39	310±46	390±58	440±66				
4	Tensile strength	lengthwise	no bending	N/10mm	≥80	≥100	≥120	≥130	≥150	≥170	≥200	≥300		
					after bending	≥80	≥90	≥105	≥115	≥130	≥150	≥180	≥220	
					crosswise	no bending	≥80	≥90	≥105	≥115	≥130	≥150	≥180	≥220
						after bending	≥70	≥80	≥95	≥100	≥120	≥130	≥160	≥200
5	Elongation	lengthwise	≥15					≥5						
		crosswise	≥10					≥5						
6	Breakdown voltage	at room temp	≥7.0	≥8.0	≥9.0	≥10.0	≥11.0	≥13.0	≥15.0	≥18.0				
		155±2°C	≥6.0	≥7.0	≥8.0	≥9.0	≥10.0	≥12.0	≥14.0	≥17.0				
7	stiffness	lengthwise	record	≥20										
		crosswise	record	≥30										
8	Bond strength at room temp.	-	No delamination											
9	Bond strength at heat temp. 188±2°C 10min	-	No delamination no blister, no adhesive flow											
10	Bond strength after absorption standard	-	No delamination											
		-	Q/DJ3-207-1994											



Temperature Index