

POLIFLEX 200

Characteristics	
Thermal class (temperature index)	H (>200 °C)
Chemical composition	
Base resins	Polyesterimide THEIC
Overcoat	Amide-imide
Bonding coat	-
Reference to the International Standards	IEC 60317-13 NEMA MW 1000 spec. MW 35-C/MW 73-C CEI 55-2/13
UL – approval	File E 60641
Diameters range	
grade 1 (L)	Ø 0,140 ÷ 1,600 mm
grade 2 (2L)	Ø 0,140 ÷ 5,250 mm
Thermal endurance at 20.000 hours according to AIEE 57	214 °C
Tangent cross point to the tg δ curve	200 °C
Cut-through temperature	
Ø 0,050 mm	-
Ø 0,500 mm	Higher than 330 °C
Heat shock to IEC standard	
Ø 0,300 mm	Higher than 300 °C
Ø 0,500 mm	Higher than 300 °C
Significant properties	<ul style="list-style-type: none"> • Excellent winding characteristics due to the high resistance to abrasions and to the good surface smoothness • Excellent thermal resistance (>200 °C) • Very high resistance to impregnating varnishes and to humidity • Very low percentage of extraction with perchloroethylene with Danfoss method • Excellent resistance to transformers oil
Recommended applications	Motors, hermetic compressors motors, oil filled transformers, ballasts and in general electric assemblies operating at very high temperature up to 200 °C