

CEMENFLEX 200

Characteristics	
Thermal class (temperature index)	H (200 °C)
Chemical composition	
Base resins	Polyesterimide-THEIC
Overcoat	Polyamide-imide
Bonding coat	Aromatic Polyamide
Reference to the International Standards	IEC 60317-38 - CEI 55-2/38
UL – approval	File E 60641
Diameters range	
grade 1 (L)	Ø 0,160 ÷ 2,000 mm
grade 2 (2L)	Ø 0,160 ÷ 2,000 mm
Thermal endurance at 20.000 hours according to AIEE 57	200 °C
Tangent cross point to the tg δ curve	-
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 330 °C
Ø 0,500 mm	Higher than 330 °C
Significant properties	<ul style="list-style-type: none"> • Improved chemical and mechanical stability due to the Amide-Imide overcoat • Resistant to increased temperatures, humidity and refrigerants
Recommended applications	<ul style="list-style-type: none"> • Top quality thermosetting wire of triple layer construction, particularly suitable for one-phase, three phase and universal motors, magnet spools up to and including thermal class H-200 °C