



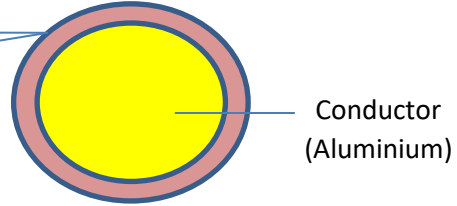
sarkuysan

ELEKTROLİTİK BAKIR SANAYİ VE TİCARET A.Ş.

BEMSTER-EX AL

Insulation Type

Base Coat	: THEIC Polyester
Over Coat	: Polyamide-imide
Bonding Layer	: -
Lubricant	: Available



Conductor
(Aluminium)

Standard

IEC 60317-25
DIN EN 60317-25

Layer and Size Range

Grade 1 : $1,00 \leq \varnothing \leq 5,00$
Grade 2 : $1,00 \leq \varnothing \leq 5,00$

Application Fields

- * Motors
- * Generators
- * Automotive components
- * Transformers (dry or oil immersed)
- * Alternators

Properties

- * High thermal, mechanical and chemical properties
- * Suitable for high speed winding
- * Re-shape property for flattening of round wire at high mechanical pressure

Technical Characteristics

Thermal

Thermal index : 200 °C
Heat shock: ≥ 220 °C
Cut through Temperature : ≥ 320 °C

Electrical

Breakdown voltage : $\geq 2x$ IEC Value

Chemical

Resistance to solvent : 6 H
Resistance to refrigerants : Very Good
Resistance to transformer oil : Very Good