

Product Datasheet



AkzoNobel
Tomorrow's Answers Today

BU Powder Coatings

Interpon 100

AN137QF

Black 2702

Formerly 17-70058 Corvel ECB-1363A Black- 2702

Product Description

Interpon 100 – AN137QF is an electrical grade functional epoxy powder coatings designed for use in a wide variety of electrical, mechanical and chemical applications. Hard, high edge coverage materials, AN137QF is ideal for the integral insulation of electric motor cores, low and high voltage bus bar, hermetic connectors, and watt-hour meter coils

Powder Properties

Chemical type	Epoxy
Cure Schedule	Preheat 400F/5min Postheat 450F/10min
Application Method	Fluid Bed
Recommended Film Thickness	10 min
Specific Gravity	1.75
Square Foot Coverage (ft²/lb/mil)	109.88
60 Degree Gloss	n/a

Typical Performance Characteristics

Hardness, Shore D	ASTM D2240	94
Tensile Strength	ASTM D638	7500psi
Coefficient of Thermal Expansion	ASTM D696	3.4 x10 in./in./C
Dielectric Constant		5.8
Dielectric Strength	ASTM D149	800 volts/mil
Thermal Shock Resistance		passes 12 cycles (+400F to -20F)

Application and Storage

All oil and grease, mill scale and rust, must be removed. Iron or Zinc phosphate pretreatment is recommended for optimum performance.
Shelf life is one year (365 days) when stored in dry conditions at less than 80 F

Safety Precautions

When using, do not eat, drink, or smoke. Do not breathe the dust. In case of insufficient ventilation, wear suitable respiratory equipment.

For further information, please refer to the specific product Material Safety Data Sheet (MSDS).

Disclaimer. The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavor to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.