

# Product Datasheet



**AkzoNobel**  
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## 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

<b>Chemical type</b>	Epoxy
<b>Cure Schedule</b>	Preheat 400F/5min Postheat 450F/10min
<b>Application Method</b>	Fluid Bed
<b>Recommended Film Thickness</b>	10 min
<b>Specific Gravity</b>	1.75
<b>Square Foot Coverage (ft<sup>2</sup>/lb/mil)</b>	109.88
<b>60 Degree Gloss</b>	n/a

#### Typical Performance Characteristics

<b>Hardness, Shore D</b>	ASTM D2240	94
<b>Tensile Strength</b>	ASTM D638	7500psi
<b>Coefficient of Thermal Expansion</b>	ASTM D696	3.4 x10 in./in./C
<b>Dielectric Constant</b>		5.8
<b>Dielectric Strength</b>	ASTM D149	800 volts/mil
<b>Thermal Shock Resistance</b>		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).

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