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Nortek Powder Coating LLC.

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Product Data Sheet

General Description

PRODUCT CODE: U1TK64
PRODUCT NAME: PB27 DARK GREY TEXTURE
CHEMISTRY: POLYURETHANE
SURFACE FINISH: TEXTURE(MT11020)

Application Recommendation

Surface preparation: All oil and grease, scale and rust, must be removed.
Pretreatment: Iron or Zinc phosphate is recommended for optimum performance.
Cure Schedule 10 min. at 400 Deg. F or 15 min. at 375 Deg. F
Film thickness: 2-3 mils.
Weatherability: Good for outdoor & Indoor, general metal application.
Designed for electrostatic application.
Shelf life is expected to be at least one year from date of shipment when stored in dry conditions at less than 80 Deg. F.(27 Deg. C.)

Typical Performance Characteristics

Specific Gravity	Calculated	1.50
Coverage	Calculated	129.4 square foot/lb./mil
Particle Size	ASTM D3451	0-15% over 200 Mesh
	Alpine Jet Sieve	45-50% over 400 Mesh
Gloss 60 Degree	ASTM D 523	6+/-1 units
Impact Resistance	ASTM D 2794	160 in.lbs.Direct/ 160 in.lbs. Reverse
Flexibility	ASTM D 522	Pass 1/8" Mandrel
Pencil Hardness	ASTM D 3363	2H
Adhesion	ASTM D 3359	5B Method B
Salt Spray Resistance	ASTM B 117	1000+ hours
Humidity Resistance	ASTM D 2247	1000+ hours

This Hybrid Powder Coating is developed to meet/exceed compliance set forth in THE EUROPEAN PARLIAMENT AND COUNCIL OF THE EUROPEAN UNION OF 27 JANUARY 2003 on the restriction of the use of certain hazardous substance in electrical and electronic equipment. (RoHS DIRECTIVE. ARTICLE 4.1)

* Testing performed on Bonderite B1000 panels.

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