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## Product Data Sheet

### General Description

PRODUCT CODE: **P3SB34**  
PRODUCT NAME: **BLACK G2**  
CHEMISTRY: **POLYESTER**  
SURFACE FINISH: **SMOOTH**

### 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: 6 min. at 400 Deg. F or 10 min. at 375 Deg. F, metal temperature.  
Film thickness: 2-3 mils.  
Weatherability: Excellent outdoor durability.  
Advantages: Outstanding physical properties and over bake resistance  
Excellent application efficiency and re-coat ability.

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	1.53
Coverage	Calculated	126 squares foot/lb./mil
Particle Size	ASTM D3451	0-10% over 200 Mesh
	Alpine Jet Sieve	40-45% over 400 Mesh
Gloss 60 Degree	ASTM D 523	30-40 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 Polyester 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.

*Important: Warranty and Disclaimer- The information contained herein is to the best of our knowledge, true and accurate. All recommendations or suggestion for use are made without guarantee. Since the conditions of use are beyond our control. The performance characteristics of these products vary according to product application, operation conditions, materials applied to. Since these factors can affect results, we recommended that you perform your own test to determine to your satisfaction whether the product is acceptable and is suitable for your particular purpose under your own operation conditions prior to using any product in full scale production, Seller warrants the product to be free from defects in materials and workmanship. Such warranty is exclusive and is in lieu of any other warranty. Nortek Corporation disclaims any liability incurred in connection with the use of our products and information contained herein. No representative of ours has authority to waive or change this provision, which applies to all sales of these products.*