

### PRODUCT DESCRIPTION

**Cerakote® P-202 Arctic Black** is designed to provide a thermal dissipating and electrically conductive finish for both metal and non-metal substrates. **Cerakote® P-202 Arctic Black** is formulated to protect, lubricate and radiate heat. **Cerakote® P-202 Arctic Black** is formulated to withstand high temperatures (500 °F) without discoloring.

**Cerakote® P-Series** coatings maintain excellent adhesion even after repeated thermal cycling. These coatings provide maximum chemical and solvent resistance and provide superior protection against high wear, galling and corrosion.

**Cerakote® P-202 Arctic Black is recommended for heat dissipating applications. Contact a Cerakote® sales representative for further information.**

In addition to performance, the **Cerakote® P-Series** line of products is designed for ease of application. Each product is available in a single component, oven-cure system.

Cure Schedule Options:

350°F for 1 hours

**Cerakote® P-202 Arctic Black** meets the requirements of MIL-L-46010E. Visit [www.nicindustries.com](http://www.nicindustries.com) for more information.

### P-202 Arctic Black

Gloss Level	Traditional Matte; 3.5 Gloss Units at 60°
Theoretical Solids by Weight	34% +/- 2%
Theoretical Coverage per gallon at 1.0 mil	539 ft <sup>2</sup>
Viscosity (Brookfield Viscometer)	5.40 cP
Recommended Film Thickness	1.0 mil
5% Salt Spray (ASTM B117)	187 hours
Pencil Hardness (ASTM D3363)	9h
Scratch Hardness (ASTM D3363)	9h
Adhesion Cross-Cut Tape (ASTM D3359)	5B
Mandrel Bend (ASTM D522)	No coating loss with 180° rotation
Impact (ASTM D2794)	160/160 inch-lbs
Density (g/mL)	~ 1.00

**SHELF LIFE: 12 MONTHS FROM DATE OF SHIPMENT.**

NIC Industries, Inc. does not warranty the use or application of the materials it manufactures or supplies. Our only obligation shall be to replace any defective materials supplied by us or refund the original purchase price of that product after we have determined the product to be defective. We assume no liability for damages of any kind and the user accepts the product "as is" and without any warranties, expressed or implied. The suitability of the product and/or intended use shall be solely the responsibility of the user.

The information contained in this bulletin we believe to be correct to the best of our knowledge and testing. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that you make adequate tests in your laboratory or plant to determine if this product meets all your requirements.