Hybricor™ 204 – Hybrid Corrosion Inhibitor Pigment

Patent Protected

Hybricor™ 204 is an organic/inorganic hybrid corrosion inhibitor pigment, a proven effective replacement for Cr^{6+} in aerospace primer applications on aluminum and other non-ferrous substrates. The fine particle size of Hybricor™ 204 (7 Hegman) permits it to be easily incorporated into a coating using a high speed disperser. It is effective in primers, DTM and thin film (< 20 micron) applications. It does not affect pot life of 2K systems. Use level varies by intended application requirements.

Quality Parameters	Test Method	Typical Value
Appearance		Pale Yellow Powder
Total Zinc as ZnO [%]		48 - 52
Specific Gravity	ASTM D-153	2.55 – 2.70
Bulking Value [gal/lb] [l/kg]		0.044 – 0.047 0.370 – 0.392
pH	ASTM D-1208	6.0 – 8.0
Conductivity [micro Siemens]	ASTM D-2448	≤ 700
Moisture at 110ºC [%]	ASTM D-280	≤ 5.0
Oil Absorption [lbs/100 lbs] [kg/100kg]	ASTM D-281	35 – 45
Fineness of Grind [Hegman Value]	ASTM D-1210	6.0 Min.

These are typical values and do not represent specifications.

Suggested Applications
Solvent Epoxies
Solvent Urethanes
PVB
Solvent Based Alkyds
Aircraft Aluminum

Performance in other systems and on other substrates have not been fully evaluated

The information made herein is based upon our research and the research of others, and is believed to be accurate. No guarantee of accuracy is made and the product discussed is sold without warrant, expressed or implied and upon the condition the purchaser shall make their own tests to determine the suitability of such product for their particular purposes.

WPC Technologies 7350 South 6th Street. Oak Creek, WI, 53154 USA

Telephone 001 414 225 2400 www.wpcamerica.com

03/22/2021