

GraphShield 730

Micronized composite of synthetic wax and edge functionalized graphene (EFG) for improved anticorrosion in powder coatings

Features and Benefits

- Improves corrosion resistance on bare and treated cold rolled steel (CRS) when formulated with titanium dioxide or other inorganic pigments
- Black wax composite delivers graphene in an easy to use micronized powder
- Formulated with Asbury Carbons EFG technology
- 1% typically reduces mm creep by 25%
- Must be added to the premix, ideally processed above 110 ° C

Composition

Graphene/synthetic wax

Recommended Addition Levels

1.0-3.0% (on total formula weight)

Systems and Applications

Powder coatings, industrial coatings.

Typical Properties*

	<u>GraphShield 730</u>
Melting Point ° C	108 - 113
Density @ 25 ° C (g/cc)	1.24
Mean Particle Size (µm)	8.0 - 12.0
Maximum Particle Size (µm)	31.00

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