CeraMaterials™

Graphite& Ceramic Insulation,CFC,Moly&Alumina

Graphite Coating (Water Based)

Bonderite L-FG 137 (aka Dag 137)

Description:

BONDERITE L-FG 137 ACHESON (known as DAG 137) is specifically formulated to provide a superior lubricating and release film for high temperature applications. Its unique particle size and binder system combine to promote a tenacious graphite film for maximum protection against galling, soldering and seizing.

Specific advantages when using BONDERITE L-FG 137 ACHESON (known as DAG 137) are:

- Complete wetting of hot metal substrates
- Excellent coverage
- Superior adhesion and abrasion resistance
- Maximum release characteristics
- Finer surface finishes in casting applications

Physical Properties:

Lubricating pigment:	graphite
Solids content:	22%
Consistency:	medium thick liquid
Diluent:	water
Density:	9.5 lb/gal
pH:	8
pH tolerance:	4-10
Freeze data:	32°F (0°C)
Shelf life:	one year under original seal
VOC:	0.0 g/l

Available in:
1 Gallon
5 Gallon
55 Gallon

Method of Use:

Dilution

BONDERITE L-FG 137 ACHESON (known as DAG 137) is a concentrate and should be diluted with distilled, demineralized or soft water prior to use.

The concentrate should be agitated prior to mixing. When mixing, slowly add water to the concentrate. Be sure to mix well throughout the water addition. The dilution ratio will vary depending on method of application and end use. The ratios typically vary between 1:4 in extrusion applications to 1:25 in permanent mold and parting compound uses. Periodic agitation (mechanical) is recommended while using diluted product.

Application

To achieve optimum film formation, the metal substrates should be heated to at least 200°F (93°C). In most applications, the product should be spray applied. However, it can be swabbed, dipped, or brushed. The diluted material should be periodically agitated to ensure consistent results.