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# American Powder Coatings, Inc.

## PRODUCT DATA SHEET

PRODUCT DESCRIPTION: POLYESTER/TGIC  
PRODUCT NUMBER: T1-BK22  
COLOR: FLAT BLACK

### PHYSICAL PROPERTIES

SPECIFIC GRAVITY: 1.42 ± .05  
GEL TIME @ 400 °F: 175-185 sec  
FLEXIBILITY:  
    IMPACT DIRECT: 160 inch/pounds- Pass  
    IMPACT REVERSE: 160 inch/pounds- Pass  
GLOSS (60 °): 10-20  
THICKNESS: 2-3 mils  
PENCIL HARDNESS: H - 2H  
MEK RESISTANCE (Double-Rubs): 20 - Softens & Recovers  
CONICAL MANDREL: 100% Pass  
ADHESION TEST:  
    CROSS HATCH: 100% Pass  
SALT SPRAY: 1,000 hrs. \*  
QUV: 1,000 hrs. \*  
HUMIDITY: 1,000 hrs. \*  
**\*\*\* with proper pretreatment and application\*\*\***

### APPLICATION

METHOD: Electrostatic Spray  
VOLTAGE: 70 KVA  
CURE CYCLE: 10 min @ 400 °F:  
RECOMMENDED FILM THICKNESS: 2-3 mils  
SUBSTRATE: CRS/Bonderite 1000  
CALCULATED COVERAGE (@ 1 mil): 136 sqft  
USAGE: Functional/Decorative Coatings

STORAGE CONDITIONS: Store in cool, dry area ( max. 80 °F)

The above information is considered to be accurate based on data received from our raw material suppliers. While this information is believed to be reliable, no warranty is issued for the accuracy of this data or for which American Powder Coatings, Inc. assumes legal liability for results to be obtained from the use thereof.