



# MIT Powder Coatings

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## TECHNICAL DATA

**Product Number & Description:** RAL 5003

### Physical Properties:

SPECIFIC GRAVITY:	1.45 +- .05
GEL TIME @ 400°F:	190-200 sec
FLEXABILITY:	
IMPACT DIRECT:	160 inch/pounds- Pass
IMPACT REVERSE:	160 inch/pounds- Pass
GLOSS (60°):	80-90
THICKNESS:	2.0 – 3.0 mils
PENCIL HARDNESS:	H- 2H
MEK RESISTANCE (Double-Rubs):	50 - Softens & Recovers
SALT SPRAY:	1,000 hrs.*
HUMIDITY:	1,000 hrs.*
CONICAL MANDREL:	100% Pass
ADHESION TEST:	100% Pass

**\*with proper pretreatment and application**

### Other Information:

METHOD:	Electrostatic Spray
VOLTAGE:	70 KVA
CURE CYCLE:	10 min @ 400°F
RECOMMENDED FILM THICKNESS:	2.0 – 3.0 mils
SUBSTRATE:	CRS/Bonderite 1000
CALCULATED COVERAGE (@ 1 mil):	133 sq./ft.
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 MIT Powder Coatings assumes legal liability for results to be obtained from the use thereof.