



EGC Enterprises, Inc.

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PRODUCT DATA SHEET

PDS-111

TITLE Thermacord® TC-10

INFORMATION ON THIS PRODUCT DATA SHEET IS TYPICAL, SUBJECT TO CHANGE WITHOUT NOTICE AND DOES NOT CONSTITUTE A SPECIFICATION OR PRODUCT WARRANTY.

Description: Thermacord® TC-10 is a twisted cord product consisting of flexible graphite base with inhibitor, pressure sensitive adhesive, carbon yarn and Inconel® wire reinforcement.

SPECIFICATION:

Graphite base properties:

| | |
|--------------------|----------------------|
| Bulk Density | 70 #/ft ³ |
| Graphite Carbon | 95% minimum |
| Leachable Chloride | 100 ppm maximum |
| Sulfur | 1000 ppm maximum |
| Phosphorus | 1500 ppm minimum |

General cord properties:

| | |
|----------------------------|-------------------------------|
| Temperature | 900° F in ambient environment |
| Total Graphite base weight | 83.16% |
| Total Carbon yarn weight | 11.05% |
| Total Inconel wire weight | 3.16% |
| Total Adhesive weight | 2.63% |

| | | | | | |
|----------------------|-------|-------|-------|-------|-------|
| Cord Diameter | .090" | .110" | .120" | .125" | .150" |
| Ft/lb. | 334 | 243 | 165 | 142 | 81 |

Jennifer Klem
Department Manager Approval

3/20/13
Date