

**PIONEER POWDER
TECHNICAL DATA SHEET
POLYESTER TGIC CHARACTERISTICS**

**TR12-0D9
TOOL RED TGIC**

POWDER SPECIFICATIONS	FILM PROPERTIES
SPECIFIC GRAVITY: 1.54 +/- .05 THEO. COVERAGE @ 1 MIL. :125 SQ.FT./LB.	GLOSS LEVEL : 90+
SALT SPRAY (ASTM B-117): 1000 HR., LESS THAN 1/16" CREEPAGE FROM SCRIBE	SOLVENT RESISTANCE: 50 DOUBLE RUBS NO METAL SHOWS COATING SOFTENS SLIGHTLY
GEL TIME:RANGING FROM: 40 TO 90 Sec.	IMPACT RESISTANCE: (ASTM D-2794): 100 IN LB
QUV RESISTANCE:400 HOURS LESS THAN 50% DROP IN GLOSS	OVERBAKE CAPABILITY: 100 PERCENT
HUMIDITY (ASTM D-2247):1000 HOURS NO SOFTENING OF COATING OR GLOSS DROP	PENCIL HARDNESS: (ASTM D-3363): H-2H
FILM THICKNESS: 2.0 TO 2.5 MILS	FLEXIBILITY (ASTM D-522): 1/8" CONICAL BEND NO CRACKING
SUBSTRATE TESTED:IRON PHOSPHATE BONDRITE 1000 PANELS	ADHESION (ASTM D-3359):100 SQUARES SCRIBED, NO PEEL OFF WITH TAPE

CURE CYCLE: 10 MINUTES AT 375 DEGREES FAHRENHEIT

STORAGE: SIX MONTHS SHELF LIFE; LESS THAN 75 DEGREES F