

# PIONEER POWDER COATINGS TECHNICAL DATA SHEET POLYESTER TGIC CHARACTERISTICS

**TR44-2D9  
ABERDEEN RED**

<b>POWDER SPECIFICATIONS</b>	<b>FILM PROPERTIES</b>
SPECIFIC GRAVITY: 1.21+/- .05 THEO. COVERAGE @ 1 MIL. :159 SQ.FT./LB.	GLOSS LEVEL : 85+
SALT SPRAY (ASTM B-117): 1000 HR., LESS THAN 1/8" CREEPAGE FROM SCRIBE	SOLVENT RESISTANCE: 50 DOUBLE RUBS NO METAL SHOWS COATING SOFTENS SLIGHTLY
GEL TIME:RANGING FROM: 70 TO 120 Sec.	IMPACT RESISTANCE: (ASTM D-2794): MINIMUM 40 IN LB FORWARD AND REVERSE
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: 2.5 TO 3.5 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 400 DEGREES FAHRENHEIT	

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