

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

**TA30-0D5
ASA 61 TGIC**

POWDER SPECIFICATIONS	FILM PROPERTIES
SPECIFIC GRAVITY: 1.61 +/- .05 THEO. COVERAGE @ 1 mil.: 120 SQ.FT/LB	GLOSS LEVEL: 50 TO 60
SALT SPRAY (ASTM B-117): 1000 HR., LESS THAN 1/16" CREEPAGE FROM SCRIBE	SOLVENT RESISTANCE: 50 DOUBLE RUNS NO METAL SHOWS COATING SOFTENS SLIGHTLY
GEL TIME: RANGING FROM 50 TO 100 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 TO 2H
FILM THICKNESS: 1.5 TO 2.0 MILS	FLEXIBILITY (ASTM D-522): 1/8" CONICAL BEND NO CRACKING SHOWS
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 MONTH SHELF LIFE; LESS THAN 75 DEGREES F