

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

**TC06-0D9
TRANSPARENT**

POWDER SPECIFICATIONS	FILM PROPERTIES
SPECIFIC GRAVITY: 1.16 +/- .05 THEO. COVERAGE @ 1 MIL. :166 SQ.FT./ LB.	GLOSS LEVEL: 130-140
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 90 TO 110 SEC	IMPACT RESISTANCE (ASTM D-2794): MINIUM 100IN LB FORWARD AND REVERSE
QUV RESISTANCE:100 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 3.0 MILS	FLEXIBILITY (ASTM B-522): 1/8" CONICAL BEND NO CRACKING SHOWS
SUBSTRATE TESTED: IRON PHOSPHATE BONDERITE 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