



No.26150
POL326150

FIRST PIECE REPORT

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PRODUCT: **HOME DEPOT ORANGE 26150 POL.**
 CUSTOMER: **CARTTECH**
 CHEMISTRY: **POLYESTER TGIC**
 DATE: **MAY 08TH, 2014**

	METHOD (*)	SPECIFICATION	RESULTS
POWDER PROPERTIES			
MELTING POINT	ASTM D-3451 (19)	167-194°F	188.6°F
GEL TIME(@400±2°F)	ASTM D-4217	120-160 SEC.	149 SEC.
SPECIFIC GRAVITY (gr/ cm ³)	ASTM D-5965 (B)	1.50-1.60	1.54
PARTICLE SIZE			
D(0.5) PARTICLE SIZE(***)	ASTM D-3451 (11.1, 11.2)	30-33 um	31 um
FILM CHARACTERISTICS			
SUBSTRATE		CRS 24-GAUGE	CRS 24-GAUGE
CURE SCHEDULE		356±6°F-15 MIN.	356°F-15 MIN.
FILM THICKNESS	ASTM D-1186	2.0-3.0 MIL.	2.6 MIL.
GLOSS @ 60°	ASTM D-523	60-70%	62%
ADHESION	ASTM D-3359 (B)	5B	5B
FLEXIBILITY MANDREL	ASTM D-522 (A)	4-32% ELONG.	32% ELONG.
PENCIL HARDNESS	ASTM D-3363	2H	2H
INDIRECT IMPACT	ASTM D-2794	60"/ LB	60"/ LB
SOLVENT RESISTANCE	ASTM D-5402	25-100 DOUBLE RUBS	25 DOUBLE RUBS
SALT SPRAY FOG (**)	ASTM B-117	1000 HRS.	1000 HRS.
U.V. RESISTANCE	ASTM G-154	500 HRS.	500 HRS.

REMARKS:

REVIEWED BY:

ING. ALEJANDRO GONZALEZ
QUALITY MANAGER

(*) AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)
 (**) B 1000 Q PANEL
 (***) THE PARTICLE SIZE REPORTED IS ONLY FOR THE SAMPLE, IT CAN BE MODIFIED FOR GIVING THE BEST VALUES TO THE CUSTOMER.