

# Technical Data Sheet

## POLYESTER SMOOTH (GOOD UV RESISTANCE FOR EXTERIOR APPLICATION)

GENERAL INFORMATION		
Product Serial Number	POLYESTER SMOOTH	
Product Code	PE / PEP / BDPE	
Chemistry	Polyester (TGIC / TGIC FREE)	
Surface Finish	Smooth	
Application Method	Corona by 60-80KV	
Surface Preparation	All grease, oil and rust must be removed	
Curing Condition	10min@ 392F/200°C (substrate temperature)	
Ideal Film Thickness	2.5 - 3.5 mils	
Specific Gravity	1.50g/cm <sup>3</sup> (± 0.05)	
TEST RESULTS		
TEST	TEST STANDARD	TEST RESULTS
Gloss@60°	ASTM D-523	2 – 100
Cross Hatch Adhesion Test	ASTM D-3359	5B
Pencil Hardness	ASTM D-3363	2H
Impact Test	ASTM D-2794	120 inch/pound
Bending Test	ASTM D-522	Pass 1/8" Mandrel
Salt Spray Resistance (500 HRS)	ASTM B117	Maximum under cutting 1/8 inch (3mm) No Blistering

\* All tests done on smooth finish 0.50mm Cold Rolled Steel panels. Just for getting best Salt Spray test result, the substrate should be Iron Phosphate or Zinc Phosphate after cleaning.

\*\* Important Warranty and Disclaimer: The information contained herein is to the best of our knowledge, given in good faith and with every belief in its accuracy but cannot be considered as a formal warranty. All recommendations or suggestions for use are made without guarantee, since the conditions of use are beyond our control. No representative of ours has authority to waive or change these provisions, which applies to all product sales.