

# Product Data Sheet

## PU SERIES

POLYURETHANE

SMOOTH | FLAT FINISH

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### POWDER PROPERTIES

SPECIFIC GRAVITY:	1.38-1.45
COVERAGE:	67.95 FT <sup>2</sup> /LB @ 2MILS (100% EFFICIENCY)
SHELF LIFE:	DRY AND COOL LOCATION < 25°C UP TO 12 MONTHS
APPLICATION	ELECTROSTATIC
FILM THICKNESS	RECOMMENDED 2.5 TO 3.5 MILS

**CURE SCHEDULE** (METAL TEMPERATURE)  
**10MIN@200°C (400°F)**

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### POWDER TEST

*Testing was done on a Bondrite 1000 (Chrome Rinse), 22 gauge CRS panels at a film thickness of 2.5-3.5mils.*

GLOSS @ 60°	ASTM D523	10
PENCIL HARDNESS	ASTM D3363	H
DIRECT IMPACT (INCH LBS)	ASTM D2794	120
REVERSE IMPACT (INCH LBS)	ASTM D2794	120
CROSS HATCH ADHESION	ASTM D3359B	5B
FLEXIBILITY (CONICAL MANDREL)	ASTM D522	3/16" (5mm)
SALT SPRAY	ASTM B117	1000 HRS
HUMIDITY	ASTM D2247	1000 HRS

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**IMPORTANT: Warranty and Disclaimer** – The information provided in this data sheet is in accordance with the best of our knowledge, belief true, correct, and complete. It is also based on the present state of current laws. Since the operation procedures, operation conditions, and other local factors are beyond our control, Beyond Powder Coatings Ltd. assumes no liability for coating failures other than to provide replacement for powder coatings that have shown to be defective. It is always the responsibility of the end user to take all necessary steps to follow the local rules and legislation. Always read the Safety Data Sheet and Product Data Sheet for this product before use. We also recommended the end user to perform your own test to determine to your best interests. Beyond Powder Coatings Ltd. will not be liable for any human injuries, operation assets damage, or other losses as a consequence of Customer's use of the product unless we specifically agree in writing.

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