



# Technical Data Sheet

**Product Number:** UNL40004

**Product Name:** BLACK UV RESISTANCE 18755 URE.

**Chemistry:** URETHANE

**Date:** JULY 19<sup>TH</sup>, 2010

## *Powder Properties*

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ASTM D5965 (B)	Specific Gravity	1.65 ± 0.05
PCI TECHNICAL BRIEF #8	Theoretical Coverage	116.5 ft <sup>2</sup> /lb/mil
	Shelf Life	12 months in climate controlled environment

## *Film Characteristics*

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ASTM D523	Gloss @ 60°	5-15%
ASTM D3359 (B)	Adhesion	5B Pass
ASTM D3363	Pencil Test (Scratch Hardness)	2H Pass
ASTM D7091	Recommended Film Thickness	2.0-3.0 mils
PCI TECHNICAL BRIEF #20	PCI Powder Smoothness	6
ASTM D522 (A)	Flexibility Mandrel	1/8"
ASTM D2794	Indirect Impact	100 in/lbs
ASTM D5402	MEK Resistance	25 Double Rubs
ASTM B117	Salt Spray	1,000 hours
ASTM G154	UV Resistance	1,000 hours

## *Application*

Electrostatic Spray, Cold  
Substrate: 0.024 in. CRS  
Pretreatment: Bonderite® 1000 , Parcolene® 60

**Cure Schedule**  
(Time at Substrate Temperature)  
400 °F @ 20 minutes

## *Notes*

American Standard Testing Method (ASTM)  
Powder Coating Institute

This report cannot be altered or changed without the authorization of the Quality Manager.

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