

6L-XXX-A080

Non-Skid Textured Powder

Not suitable for sublimation



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3. ABRASION TEST

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6L-XXX-A080

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1. TECHNICAL INFORMATION

The main feature of the 6L-XXX-A080 series is the antiskid surface, thanks to a special additive that creates a very rough effect. This series is strongly recommended for places where the risk of slipping is high.

• TECHNICAL DATA

Chemical Nature	Polyester
Finish	Special textured
Class of resistance	Class 1 & 2
Yield in surface/mass	13,1 m ² /Kg
Specific weight	1,27 ± 0,03 g/cm ³

• APPLICATION AND CURIG CYCLE

Available for corona charging.

Curing cycle:

- 20 minute at 180°C (metal temperature).

Recommended thickness: 60-80 micron.

• MECHANICAL PROPERTIES AND RESISTANCE TEST

Test	Standard	Result
Buchholz	ISO 2815	ok
Cross-Cut	ISO 2409	No loss of adhesion; ok
Impact 2,5 N*m	ISO 6272	ok
Bending	ISO 1519	No loss of adhesion; ok
Salt Spray	ISO 9227	corrosion <4 mm; ok

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2. PRODUCT AVAILABILITY

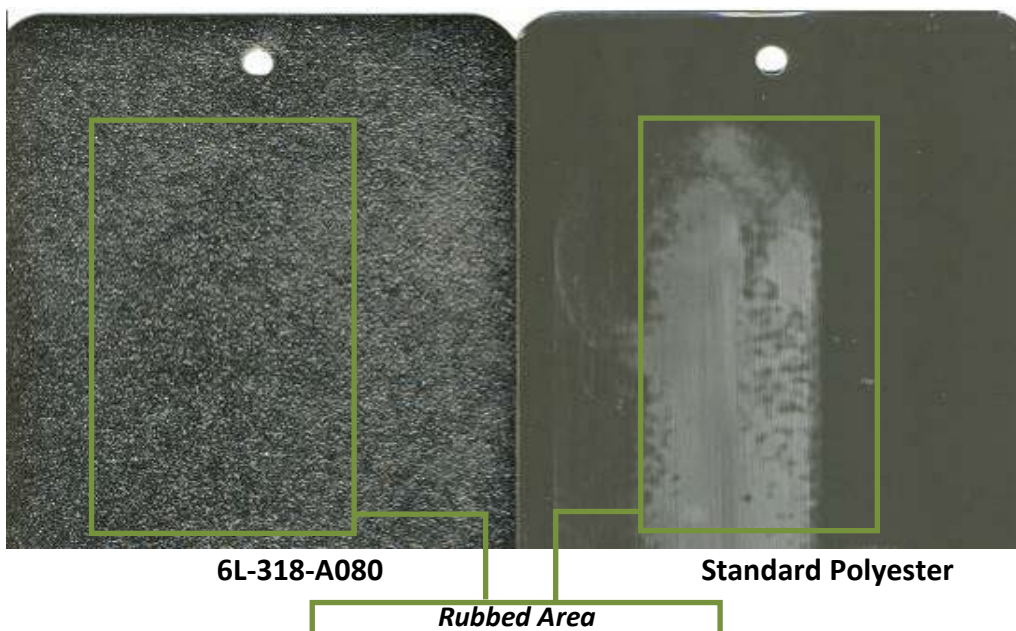
● PACKAGING



Cardboard packaging, net weight 20 Kg – Smaller boxes are available

3. ABRASION TEST

The resistance to wear and abrasion has been tested by Decoral Lab. The surface of a panel coated with 6L-318-A080 has been rubbed with sandpaper (600 grit), over which has been applied a weight of 1 kg, for 100 consecutive strokes. The same test has been carried out on a panel coated with standard powder, to evaluate the difference in terms of resistance to abrasion with the powders of 6L-XXX-A080 series.



Weight: 1kg

Grit of the sandpaper: 600

Number of consecutive strokes: 100

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As shown by test results, the surface of the sample coated with 6L-318-A080 powder has been barely altered by the 100 strokes with sandpaper. The same treatment on the panel coated with standard powder has seriously damaged the surface of the sample.

4. SLIP RESISTANCE TEST

The anti-slip properties of this powder have been tested by an external laboratory. According to **DIN 51130** standard, the slip resistance is tested by measuring the coefficient of friction of a specific material. The results are classified into five categories, going from **R9** to **R13**.

TILT ANGLE	DIN 51130 Classification
$6^\circ \leq a \leq 10^\circ$ (from 6° to 10°)	R9
$10^\circ < a \leq 19^\circ$ (from 10° to 19°)	R10
$19^\circ < a \leq 27^\circ$ (from 19° to 27°)	R11
$27^\circ < a \leq 35^\circ$ (from 27° to 35°)	R12
$a > 35^\circ$ (over 35°)	R13

- **R9**: entrance areas and stairs with access from the outside; restaurants and canteens; shops; clinics; hospitals and schools.
- **R10**: shared bathrooms and showers; small commercial kitchens; garages and basements.
- **R11**: rooms for the manufacture of food; medium commercial kitchens; working environments with strong presence of water and mud; laboratories; laundries; hangar.
- **R12**: environments producing food rich in fats such as: dairy products; oils and cold cuts; large-scale commercial kitchens; industrial departments working with slippery substances; car parks.
- **R13**: high-fat environments; food processing.

Our product has been classified **R10**.

N.B. – UPON CUSTOMER REQUEST, IT IS POSSIBLE TO CARRY OUT THE ABOVEMENTIONED TESTS ON THE SPECIFIC POWDER PURCHASED

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