

## TECHNICAL DATA

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THIS CHEMICAL IS  
FORMULATED FOR  
INDUSTRIAL USE ONLY

### WARNING

Contact with skin or clothing or other improper handling or use of this product may result in bodily harm or other damage. Before using or mixing the contents with other substances, all labels applied to container, the applicable Technical Data Sheet and Material Safety Data Sheet should be read and specific instructions and precautions followed to assure correct use and personal safety.

# OXYGUARD

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## XP10 / SP10

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PREMIUM EXTERIOR DURABILITY - POLYESTER INTERIOR / EXTERIOR  
POWDERCOATING

**Base :** Thermoset powder coating based on polyester resins and TGIC hardeners.

### Feature :

- Good bond ability and good mechanical properties
- Good over-bake resistance
- Excellent weathering resistance
- Good flowing and glossy

### Field of application :

Coating are ideal for exterior decoration and for anticorrosion protection of parts or finished products, which have to withstand outdoor conditions. Typical applications include fence pipe, guardrail, playground equipment, farming machinery, garden tools, architectural products, automotive products and aluminum profiles etc.

### Product availability :

- Color:Various
- Gloss Range: 15-95% (smooth surface at 60 degree angle)
- Surface:Smooth and special finish (texture, wrinkle, hammer etc) for all kinds of gloss
- Density: 1.4-1.8 g/cm<sup>3</sup>

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**Film characteristics:**

Good film appearance with the excellent mechanical and exterior exposure durability. These polyester coatings also exhibit excellent over baking resistance across a wide range of cure conditions

Curing guide 180°C/20min or 190°C/15min or 200°C/10min

**Packing:** Double PP bags, N.W 20kg/carton

**Shelflife:** 12 months within 30°C, avoid direct sunlight.

**Health and Safety:** Refer to the MSDS.

| Properties           | Test Method                 | Value                      |
|----------------------|-----------------------------|----------------------------|
| Impact               | ASTM D2794                  | 50kg. cm                   |
| Flexibility          | ASTM D522                   | <1/8 inch                  |
| Pencil Hardness      | ASTM D3363                  | H-2H                       |
| Adhesion (cross-cut) | ASTM D3359                  | Gt0                        |
| Erichsen             | ISO 1520                    | >6mm                       |
| Salt spray           | ASTM B117                   | >1000H                     |
| Humidity resistance  | GB/T1740                    | >1000H                     |
| Weather resistance   | ASTM G53-88QUV B light(313) | 240H(gloss retention> 60%) |