

## TECHNICAL DATA SHEET

### POLYESTER TGIC POWDER COATING

Polyester TGIC powder coating offers excellent application and performance characteristics. Long term exterior durability, high performance mechanical properties and over bake resistance are common characteristics of these Polyester TGIC powder coating

**Typical Applications:** General metals, architectural, automotive, lawn & garden furniture, stadium seating, light fixtures, marine, fencing, etc.

#### Typical Physical Properties:

<b>Specific Gravity:</b>	1.2 to 1.8 (Depending on colour)
<b>Adhesion:</b>	GT=0/100
<b>Gloss:</b>	0 - 99 %@60°
<b>Pencil Hardness:</b>	H-4H
<b>Impact:</b>	40 kg. cms to 120 kg.cms.
<b>Flexibility / Bending:</b>	5 mm
<b>Particle Size:</b>	Suitable for electrostatic spray
<b>Salt Spray:</b>	500 hours

**Application Data:** Polyester TGIC's are to be applied with a corona electrostatic powder spray gun at between 40kv-100kv. Over spray powder can be reclaimed using suitable equipment and recycled through coating system.

**Stoving Schedule:** Polyester TGIC's can be cured in a direct or indirect gas convection oven or an electric oven. A combination of any of this oven is also suitable.

**Standard Stoving:** 10 Minutes@200°C (EMT)

**Storage:** Product should be stored at room temperature below 25°C, in a dry area away from any heat source. Open boxes must be resealed

**Notes:** All tests were performed on Bonderite 1000, iron phosphate panels with a nominal film thickness of 2 mils.