



Product Description	QUELI® P9106TG is a kind of saturated polyester resin,mixed with TGIC in 93/7 for exterior environment polyester powder coatings The product is for general industrial use.	
Product Properties	QUELI® P9106TG is provided with: High gloss; Good flow; Good mechanical properties; High Tg;	
Specifications	Appearance:	Chip solid
	Color(50%DMF):	Max.3
	Acid value(mgKOH/g):	30-36
	Viscosity (175℃) mPa.s:	13000-17000
	Softening point(ball)℃:	105-125
	Tg(℃):	Appr.65
Package and Shelf life	25kgs net in bag. One year in dry and well-ventilated condition below 30℃. (if exceed shelf life, please check again, it can be used if inspection result is ok.)	
Starting Formulation	QUELI® P9106TG:	600g
	TGIC:	46g
	TiO ₂ (R902):	350g
	PV88 :	8g
	Benzoin:	5g
Extrusion Condition	Extruder:	BUSS PLK46
	Casing setting temperature℃:	120-130
	Kneading screw temperature℃:	60
	R.P.m:	60
	Particle size (μm) :	Max100
	Curing Condition :	200℃ × 10min (MT)
Film Properties	Thickness(μm) :	60 ± 10
	Gloss (60°)%:	Min.90
	Adhesion(grid 2mm):	0-1
	Bending (column mm):	Max.4
	Erichsen (mm):	Min.7
	Impact(Kgcm):	50
	Hardness(pencil)H:	HB-1H
Application Condition	Degreased and stainless cold-rolled steel(mm):	0.5
	Spraying tension KV:	50