



Product Description	QUELI® P8340PU is a kind of hydroxy Polyester resin,mixed with IPDI in 83/17 for powder coatings.	
Product Properties	QUELI® P8340PU is provided with: High gloss; Perfect flow; Good mechanical properties; Good durability; Good storage stability;	
Specifications	Appearance:	Chip solid
	Color(50%DMF):	Max.3
	Hydroxyl value(mgKOH/g):	35-45
	Viscosity (175℃) mPa.s:	25000-29000
	Softening point(ball)℃:	105-125
	Tg(℃):	≥60
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® P8340PU:	664g
	IPDI(VESTAGON B1530):	136g
	TiO ₂ (R902):	400g
	PV88 :	13.2g
	Benzoin:	6g
Extrusion Condition	Extruder:	BUSS PLK46
	Casing setting temperature℃ :	120-130
	Kneading screw temperature℃ :	60
	R.P.m:	60
	Particle size (μm) :	Max.100
	Curing Condition :	200℃ × 15min (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