

QUELI®P6900ME Saturated Polyester Resin

Product Description:	QUELI®P6900ME is a kind of quick concretion saturated carboxyl polyester resin, mixed with epoxy resin in 60/40 for polyester/epoxy powder coatings.	
Product Properties:	QUELI®P6900ME is provided with; Very high gloss; Good flow, Film chubbiness; Good mechanical properties; Perfect anti-yellowing; Good storage stability;	
Specifications:	Appearance:	Chip solid
	Color (50% DMF):	Max.3
	Acid Value (mgKOH/g):	50-56
	ICI viscosity (175℃)Po:	90-120
	Softening Point (ball)℃:	95-115
	Tg (℃):	Min.57
Package and Shelf life:	Net:	25kgs in in bag.
	Storage:	Dry, cool and well-ventilated condition below 30℃.
	Shelf life:	12 months
	(If exceed shelf life, please check again. It can be used if inspection result is ok.)	
Starting Formulation:	QUELI®P6900ME:	360g
	Epoxy Resin(663U):	240g
	TiO ₂ (R902):	350g
	Flow Agent(PV5):	10g
	Benzoin:	5g
Extrusion Condition:	Extruder:	BUSS PLK46
	Casing setting temperature℃	110-120
	Kneading screw temperature℃	60
	R.P.m:	60
	Particle size(μm):	Max.100
	Curing Condition:	180℃ × 10min.(metal Temperature)
Film Properties:	Thickness(μm):	60 ± 10
	Gloss(60°)%:	Min.90
	Adhesion(2mm):	0-1
	Bending(mm):	Max.4
	Erichsen(mm):	Min.7
	Impact(kgcm):	50
	Hardness(pencil)H:	1H
Application Condition:	Degreased and stainless cold-rolled steel(mm):	0.5
	Spraying tension KV:	50



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