

QUELI®6040ME Saturated Polyester Resin

Product Description:	QUELI®P6040ME is a kind of saturated carboxyl polyester resin, mixed with epoxy resin in 60/40 for polyester/epoxy powder coatings.	
Product Properties:	QUELI®P6040ME is provided with; Very high gloss; Good flow; Good mechanical properties; Good storage stability; High cost-effective;	
Specifications:	Appearance:	Chip solid
	Color (50% DMF):	Max.3
	Acid Value (mgKOH/g):	50-55
	ICI viscosity (175℃)Po:	75-105
	Softening Point (ball)℃:	90-110
	Tg (℃):	Appr.55
Package and Shelf life:	25kgs net in paper bag with plastic bag inner. 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®6040ME:	360g
	Epoxy Resin(E-12)/DER663U:	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):	Max100
	Curing Condition:	180℃ × 15min.(MT)
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