

**QUELI®6055ME Saturated Polyester Resin**

<b>Product Description:</b>	QUELI®P6055ME is a kind of saturated carboxyl polyester resin, mixed with epoxy resin in 60/40 for polyester/epoxy powder coatings.	
<b>Product Properties:</b>	QUELI®P6055ME is provided with; Very high gloss; Excellent flow; Good mechanical properties; Perfect anti-yellowing; Good storage stability;	
<b>Specifications:</b>	Appearance:	Chip solid
	Color (50% DMF):	Max.3
	Acid Value (mgKOH/g):	50-56
	ICI viscosity (175℃)Po:	50-80
	Softening Point (ball)℃:	90-110
	Tg (℃):	Appr.53
<b>Package and Shelf life:</b>	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.)	
<b>Starting Formulation:</b>	QUELI®6055ME:	360g
	Epoxy Resin(E-12)/DER663U:	240g
	TiO <sub>2</sub> (R902):	350g
	Flow Agent(PV5):	10g
	Benzoin:	5g
<b>Extrusion Condition:</b>	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)
<b>Film Properties:</b>	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
<b>Application Condition:</b>	Degreased and stainless cold-rolled steel(mm):	0.5
	Spraying tension KV:	50
<b>Remark:</b>	<sup>(1)</sup> HLB618 is also produced by us.	



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