



浙江中法新材料有限公司  
ZHEJIANG SINO-FRENCH NEW MATERIALS CO.,LTD

# 聚酯树脂系列 Polyester Resin

QUELI®

P5072ME SATURATED POLYESTER RESIN

<b>Product Description</b>	QUELI® P5072ME is a kind of saturated polyester resin,mixed with epoxy resin in 50/50 for matte powder coatings.	
<b>Product Properties</b>	QUELI® P5072ME is provided with: Good flow; Good mechanical properties; Suited to matte powder coating.	
<b>Specifications</b>	Appearance:	Chip solid
	Color(50%DMF):	Max.3
	Acid value(mgKOH/g):	69-76
	Viscosity (200℃) mPa.s:	10500-16000
	Softening point(ball)℃:	105-125
	Tg(℃):	Appr.52
<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® P5072ME:	300g
	EPOXY RESIN(E-12)/DER663U:	300g
	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):	Max.100
	Curing Condition:	180℃×15min (MT)
<b>Film Properties</b>	Thickness(μm):	60±10
	Gloss(60°)%:	Min.85
	Adhesion(grid 2mm):	0-1
	Bending (column mm):	Max.4
	Erichsen (mm):	Min.7
	Impact(kgcm):	50
	Hardness(pencil)H:	HB-1H
<b>Application Condition</b>	Degreased and stainless cold-rolled steel(mm):	0.5
	Spraying tension KV:	50

Address:Xiaoshu Industrial District, Lingang Economic Zone,  
Meixi Town, Anji County, Huzhou City,  
Zhejiang, China  
E-mail:glb@dfc-cn.com  
Website:http://www.dfc-cn.com

Foreign trade dept:

Tel:0086 571 88093306  
Fax:0086 571 88092284

Domestic marketing dept:

Tel:0086 571 88094830  
0086 571 88093580  
Fax:0086 571 88099166