



黑猫股份
Black cat Carbon Black



專業唯黑 工業唯美
Industrial Beauty of Black

高档涂料用 炭黑

Carbon Black for Upscale Coatings

High Surface Activity

高表面活性

High Jetness

高黑度

High Bluish Shade

高蓝相

Easy to Disperse

易分散



Application

应用领域

汽车原厂漆、汽车修补漆、3C电子产品、塑胶漆等

Automotive OEM Paint

Automotive Refinishing Paint

3C Electronic Paint

Plastic Paint etc.

高档涂料用炭黑

Carbon Black for Upscale Coatings

理化指标

Properties

型号 Grade	理化性质 Data	BET比表面积 BET Surface Area m ² /g	相对着色力 Tinting Strength IRB#3 (%)	pH值 pH Value
Preo®F		280	140	2.5
PowCarbon®A-S		280	150	2.2
BeaBlack®/PowCarbon®B		270	146	2.7
检测方式 Standard Regulation		GB/T 10722	GB/T 3780.6	GB/T 3780.7

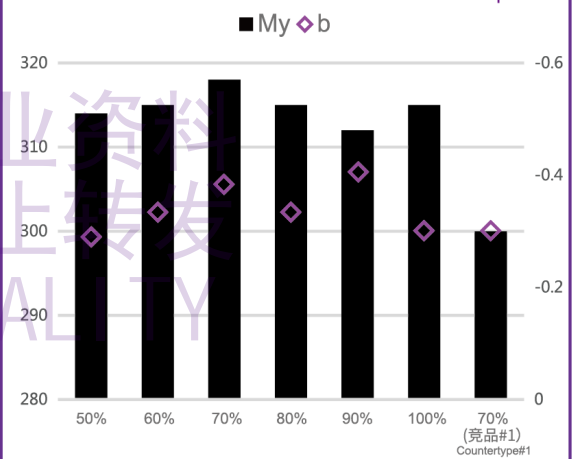
丙烯酸聚氨酯涂料

Acrylic Polyurethane Coating

测试配方 Testing Formula

物料	Material	质量	Mass	/g
丙烯酸树脂	Acrylic Resin	50		
分散剂	Dispersant	2		
溶剂	Solvent	19		
炭黑	Carbon Black	4		
以上分散2h The above disperses for 2h				
丙烯酸树脂	Acrylic Resin	25		
总量	Total	100		
以上分散0.5h, 得到A组分 The above disperses for 0.5h to obtain component A				
A组分:B组分(固化剂)=3:1调漆 Component A: Component B (curing agent) =3:1 mix				

在同一分散剂下不同添加量的表现
Performance of different additive amount with the same dispersant



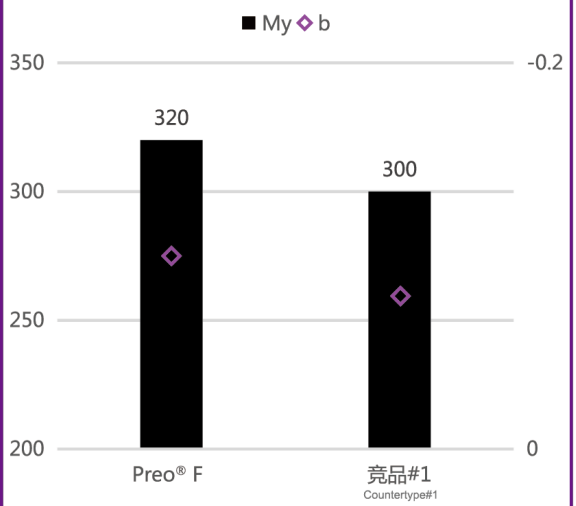
Preo®F My值越大, 黑度越好; b值越小, 色相越蓝
The higher My value, the higher the jetness.
The lower the b value, the better bluish shade.

水性烤漆涂料

Waterborne Baking Paint

测试配方 Testing Formula

物料	Material	质量	Mass	/g
蒸馏水	Distilled Water	53.8		
溶剂	Solvent	8		
助剂	Additive	2		
水性丙烯酸树脂	Waterborne Acrylic Resin	25		
分散剂	Dispersant	4.2		
炭黑	Carbon Black	7		
总量	Total	100		
以上分散1.5h, 制备色浆 The above disperses for 1.5h to get color paste				
色浆	Color Paste	15		
清漆	Varnish	85		
以上分散0.5h, 得到成品漆 The above disperses for 0.5h to get the finished paint				



My值越大, 黑度越好; b值越小, 色相越蓝
The higher My value, the higher the jetness.
The lower the b value, the better bluish shade.