

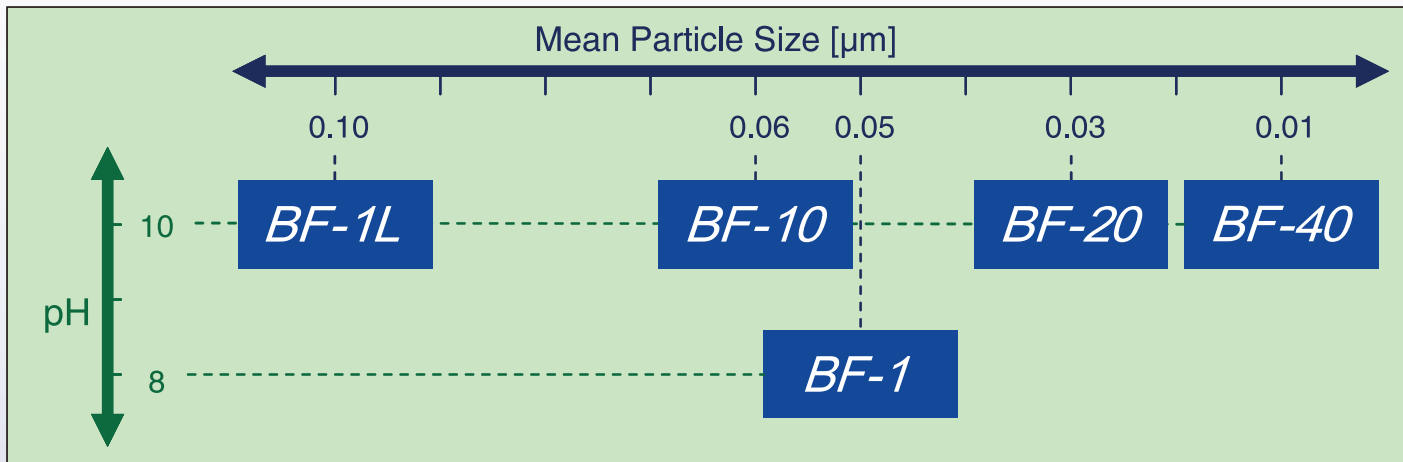
Ultrafine Barium Sulfate

BARIFINE® Series

Characteristic

- Highly transparent, chemically inert, high functional extender
- Haze-free gloss and highly smooth film by hyperfilling effect
- BARIFINE encapsulated pigment particles maximize their high gloss
- Control of aluminum pig. orientation in metallic basecoat

Properties



Transparency of BARIFINE

Formulation	[Unit:g]	
BaSO ₄	0.0	25.0
A-405*1	40.0	
J-820*2	10.0	
Xylene	25.0	

*1 : Acrylic Resin, NV50%
*2 : Melamine Resin, NV50%
By DIC Corporation

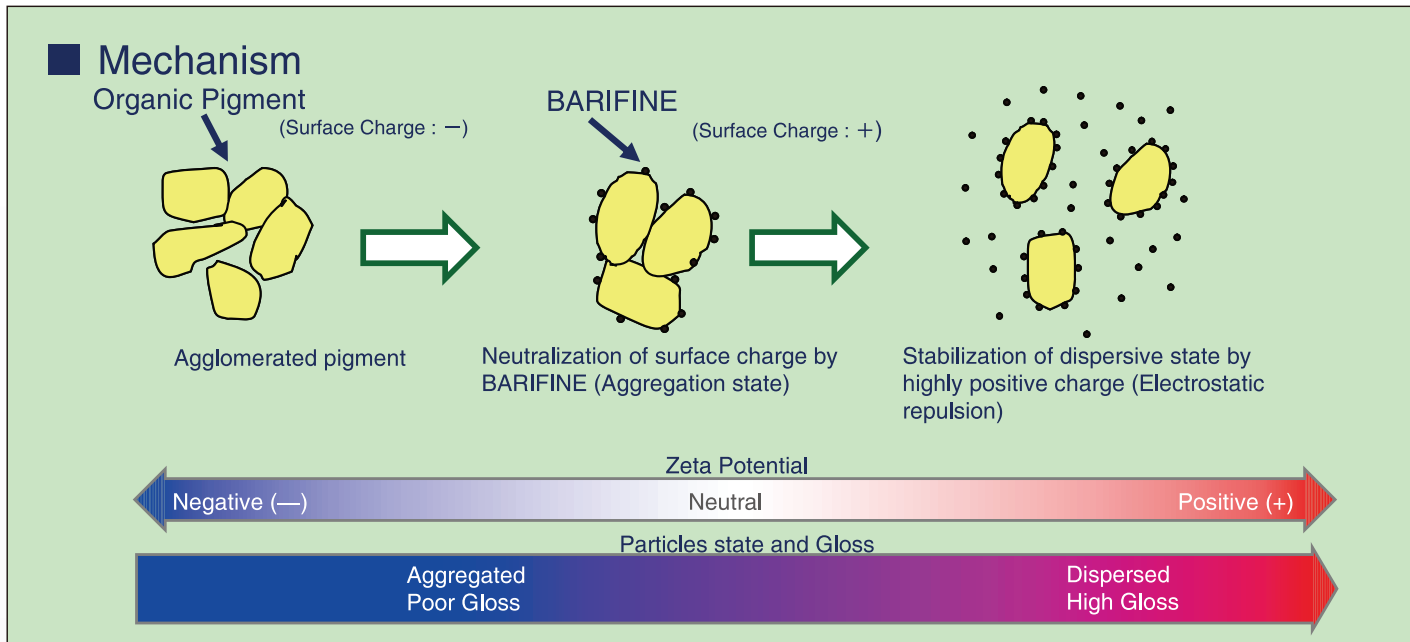
Transparency

99 % **98 %** **70 %**

BARIFINE shows excellent transparency.

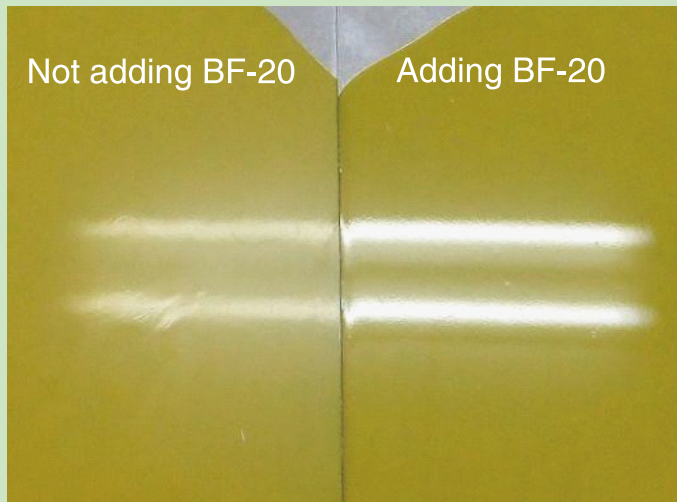
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Improvement in gloss and saturation of color paint



Formulation example and test results

Test results



Gloss 20°	47	89
60°	82	97

Formulation	[Unit : g]	
BF-20	0.0	30.0
Color Pigment HostapermYellowH3G	30.0	
Mixed resin solution 1		
J-524*1	60.0	
Xylene	70.0	
1.5mmΦ Glass beads	280.0	
↓ In 450 ml glass case		
Dispersing mill : Paint Conditioner		
Dispersing time : 30 min.		
↓		
Mill base	63.3	
Mixed resin solution 2		
J-524*1	18.9	
J-820*2	20.0	
Xylene	7.8	

Dispersing finish paint 5 min.

*1 : Alkyd Resin
*2 : Melamine Resin
By DIC Corporation

The properties are the typical values and not a guaranteed values.

Recommended Uses

Automotive topcoat, Appliance coatings, Inks, Plastics

BARIFINE Series is granular product basically, we also have powdered product.
We also have BARICLEAR Series which is BARIFINE dispersion.

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