

## Borchi® Gen 1252 / Borchi® Gel PN

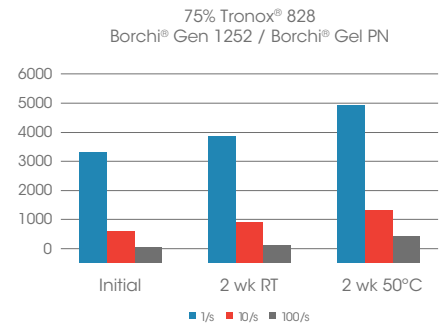
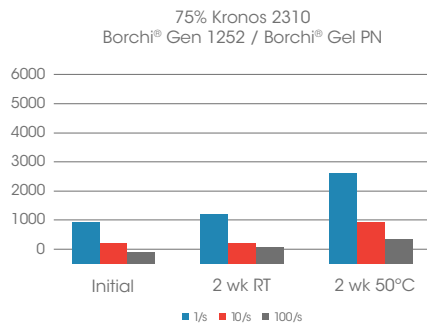
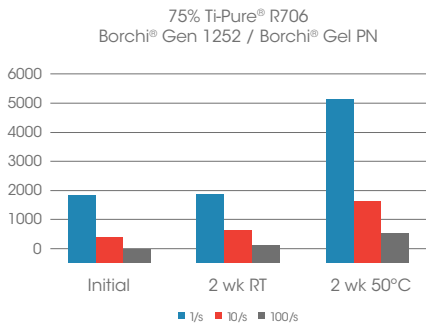
HIGHER INORGANIC PIGMENT LOADING,  
LONG TERM VISCOSITY STABILITY  
& ANTI-SETTLING PERFORMANCE



- No settling and improved viscosity variance over time after extended heat age stability
- No change in gloss or contrast ratio
- High opacity
- Strong tint strength

### 75% TiO<sub>2</sub> Concentration

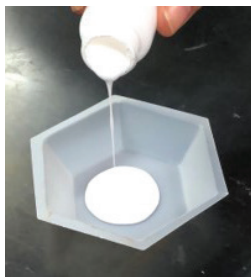
#### Excellent Viscosity Stability with Borchi® Gen 1252 and Borchi® Gel PN



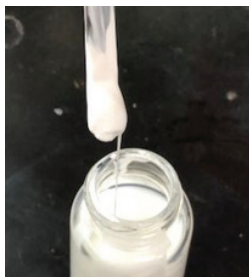
#### 2-Week, 50° C Stability Test



Settling  
Control



Free-flowing  
Borchi® Gen 1252  
& Borchi® Gel PN



Settling  
Control



Free-flowing  
Borchi® Gen 1252  
& Borchi® Gel PN

WB Concentrate 75% TiO <sub>2</sub>	
Water	21.88
Borchi® Gen 1252 (100%)	2.25
AMP 95	0.12
Borchers® AF 1171	0.25
Borchi® Gel PN	0.50
TiO <sub>2</sub>	75.00
<b>TOTAL</b>	<b>100.00</b>
AOP	3.00%



Order your sample at:

[www.borchers.com](http://www.borchers.com)

1 (800) 321-9696 ■ [cust.service.us@1borchers.com](mailto:cust.service.us@1borchers.com)

## Borchi® Gen 1252 / Borchi® Gel PN

HIGHER INORGANIC PIGMENT LOADING,  
LONG TERM VISCOSITY STABILITY  
& ANTI-SETTLING PERFORMANCE

### 70% TiO<sub>2</sub> Concentration

#### Formulation

	Borchi® Gen 1252 / Borchi® Gel PN	Fumed Silica
TiO <sub>2</sub>	70.00	70.00
Borchi® Gen 1252 (100%)	2.10	3.50
AMP 95	0.10	0.15
Borchers® AF 1171	0.25	0.25
Borchi® Gel PN	0.50	
Fumed Silica		0.30
DI Water	27.05	25.80
	100.00	100.00
%DOP	3.00	5.00

Disperse in the Lau for 1 hr  
Concentrate to Glass Beads 1:1

#### Evaluations in Flat Exterior and Semi-Gloss Alkyd

Exterior Flat (gloss clear 85° = 1.5)	1 week		2 months	
	3% DOP	5% DOP	3% DOP	5% DOP
	0.5% PN	Fumed Silica	0.5% PN	Fumed Silica
Contrast Ratio (L*B/L*W)	0.98	0.99	0.99	0.99
Gloss 85° Leneta	4	15	4	10

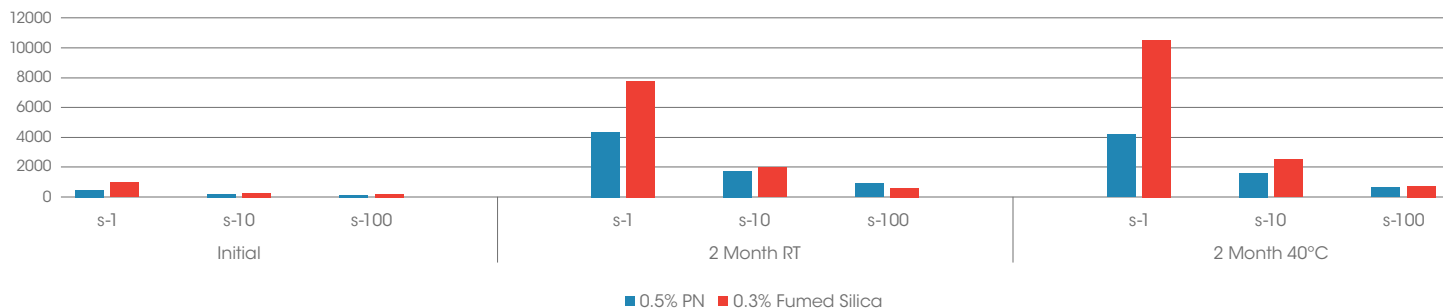
  

Alkyd Semi-Gloss (gloss clear 60° = 10)	1 week		2 months	
	3% DOP	5% DOP	3% DOP	5% DOP
	0.5% PN	Fumed Silica	0.5% PN	Fumed Silica
Contrast Ratio (L*B/L*W)	0.99	0.99	0.99	0.99
Gloss 60° Leneta	10	14	10	14

Stable Gloss Values Over Time

#### Viscosity Stability

Borchi® Gel PN vs Fumed Silica Viscosity Stability  $\sigma$  (CP)



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