

# Dispersant for Transparent Iron Oxide Pigments in Waterborne Coatings

## Borchi® Gen 1750

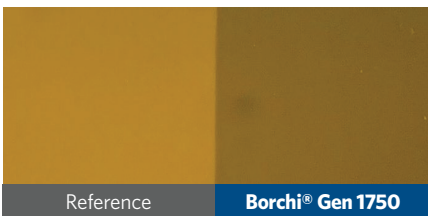
- Ultimate transparency
- Low paste viscosity
- Shorter grind times compared to industry benchmarks
- High pigment loading
- Attains finer particle size faster
- Excellent storage stability

### Ultimate Transparency

PY (2)  
1K Acrylic Wood

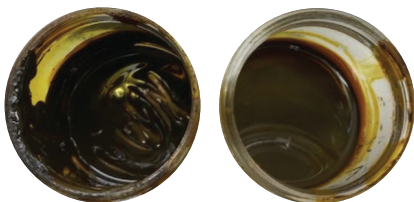


PY (2)  
2K Acrylic



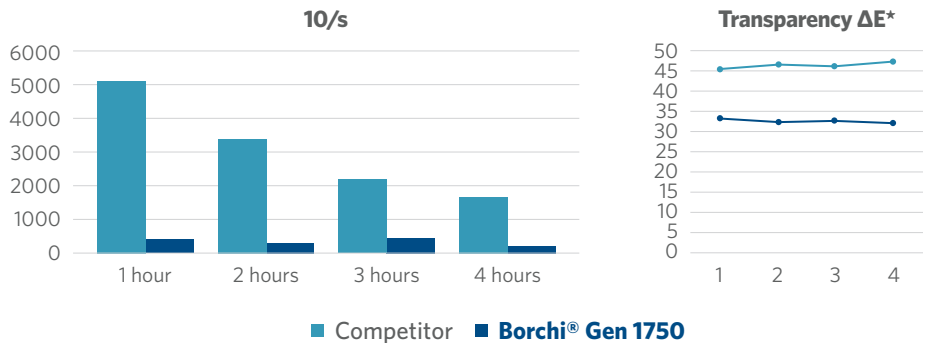
### Low Viscosity

35% Pigment Concentrate Resin-Free



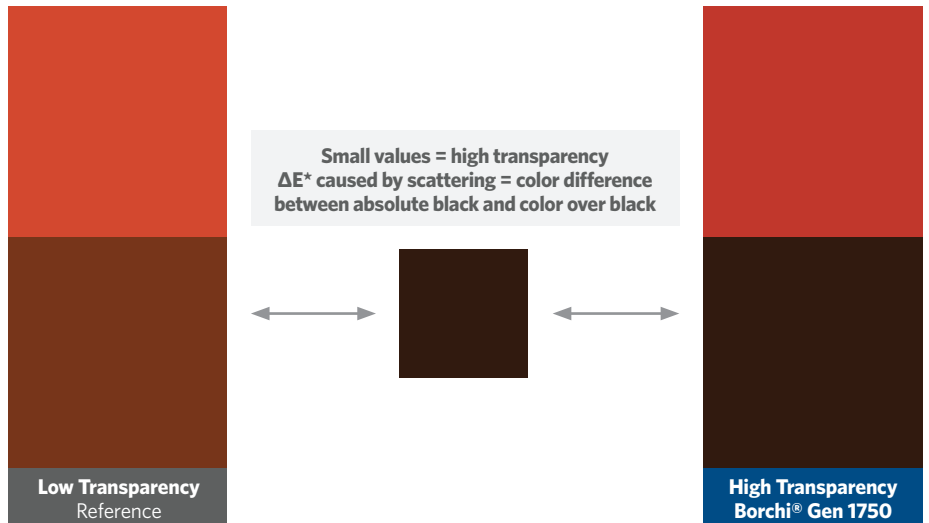
### Stable Viscosity Indicates a Quality Dispersion

Sicotrans Yellow L 1916



### High Transparency

ΔE\* Caused by Scattering



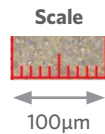
# Dispersant for Transparent Iron Oxide Pigments in Waterborne Coatings

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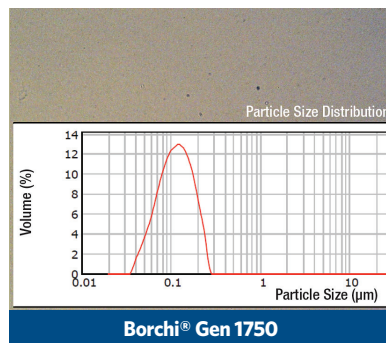
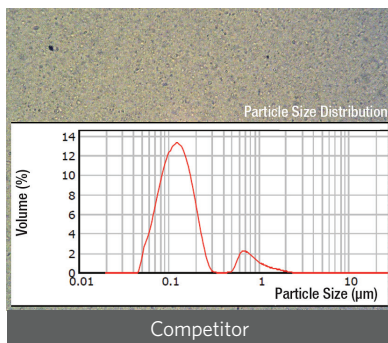
- Ultimate transparency
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### Sicotrans Yellow L 1916

Pigment Concentrate Under Microscope

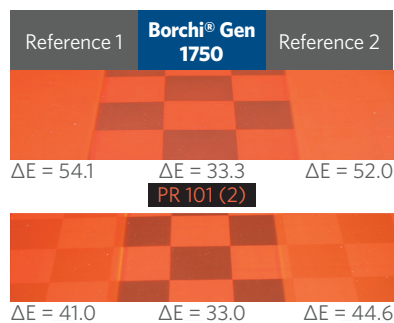
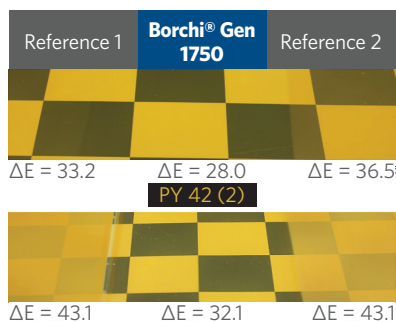


#### Smaller Particles Result in Better Transparency



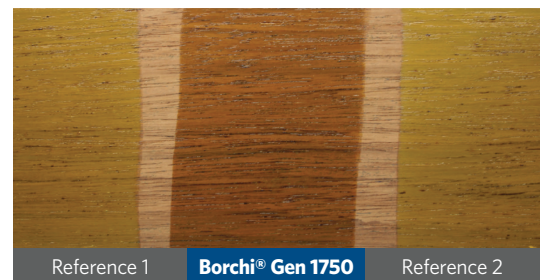
#### Good Compatibility in Different Waterborne Coatings

with Cappoxyt Yellow 4212 & Cappoxyt Red 4437B



#### Enhances the Color of the Wood

Draw downs 200µm on Merbau Wood  
> 1 K Acrylate system / Cappoxyt Yellow L 4212



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