



**DuPont™ TS-6200 titanium dioxide**  
FOR HIGH PERFORMANCE EXTERIOR COATING FORMULATIONS



*The miracles of science™*

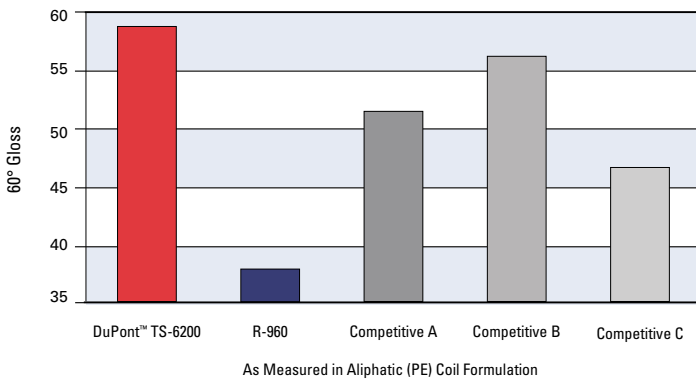
# DuPont™ TS-6200 titanium dioxide

## The High Performance Exterior Advantage...

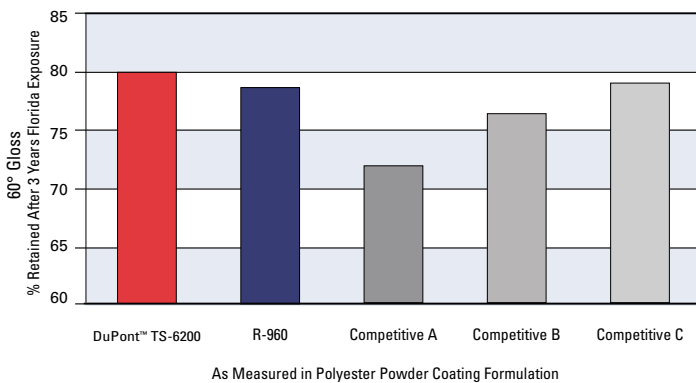
DuPont™ TS-6200 titanium dioxide is specifically designed for applications demanding high initial haze-free gloss and a high degree of gloss and tint retention over the life of the coating. (see figure 1 and 2) DuPont™ TS-6200 titanium dioxide delivers a unique combination of:

- Durability
- Gloss
- High Hiding Power
- Superior Dispersion

**Figure 1: DuPont™ TS-6200 Exhibits High Initial Gloss**



**Figure 2: DuPont™ TS-6200 Delivers Maximum Durability as measured by Gloss Retention**



## Unique Combination of Exterior Weathering and Initial Gloss Performance

DuPont™ TS-6200 provides exterior protection by balancing weathering and gloss (see figure 3). DuPont™ TS-6200 consistently outperforms competitive super durable pigments in gloss and tint retention in a wide range of applications.

**Figure 3: DuPont™ TS-6200 Has Outstanding Performance—Balancing Gloss and Weathering**

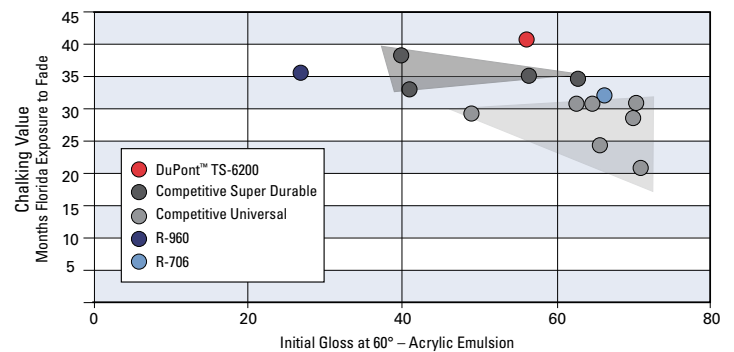
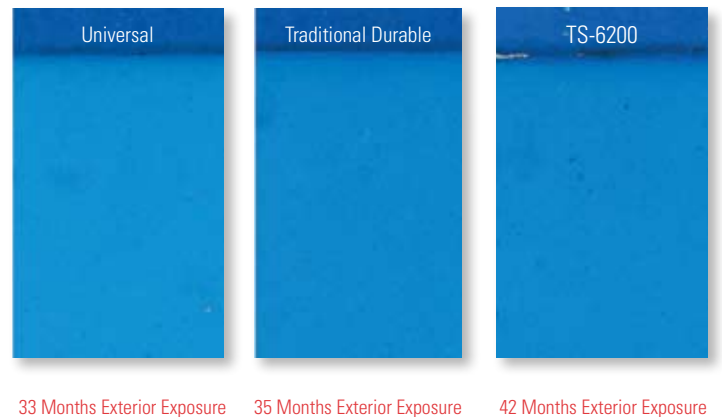


Figure 4 displays the chalk resistance of DuPont™ TS-6200 relative to traditional durable and universal grades of titanium dioxide.

**Figure 4: DuPont™ TS-6200—Superior Color Retention Versus Universal and Traditional Durable Pigments**

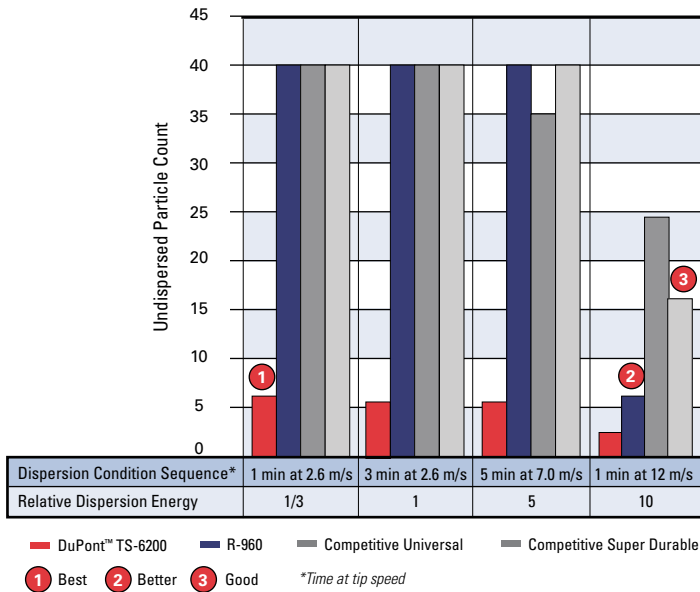


## Superior Dispersion

DuPont™ TS-6200 disperses easily; saving time and energy. Figure 5 demonstrates the alkyd ease of dispersion advantage of DuPont™ TS-6200 relative to competitive universal and super durable grades. It also highlights the opportunity for productivity improvements and energy savings from using DuPont™ TS-6200.

As alkyd dispersion time and intensity are increased the dispersion condition is evaluated using a special hegman gauge.

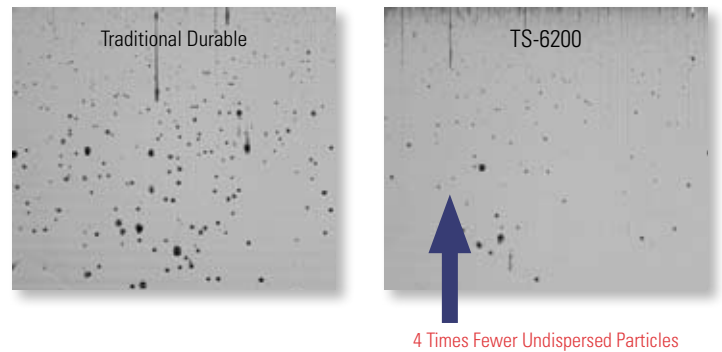
**Figure 5: DuPont™ TS-6200 Disperses Easily—Saving Time and Energy**



The results show a wide variation in how different TiO<sub>2</sub> grades disperse following the various grind conditions. While most pigments require the highest grind intensity (5 minutes at 12 m/s) to achieve clean dispersion, DuPont™ TS-6200 achieves a clean dispersion with much less time and energy.

Dispersion condition is analyzed using the DuPont™ Optical Counter (DOC) which takes a digital image of the drawdown and uses proprietary protocol to measure the number of undispersed particles (see figure 6).

**Figure 6: DuPont™ TS-6200 Displays Better Dispersion**

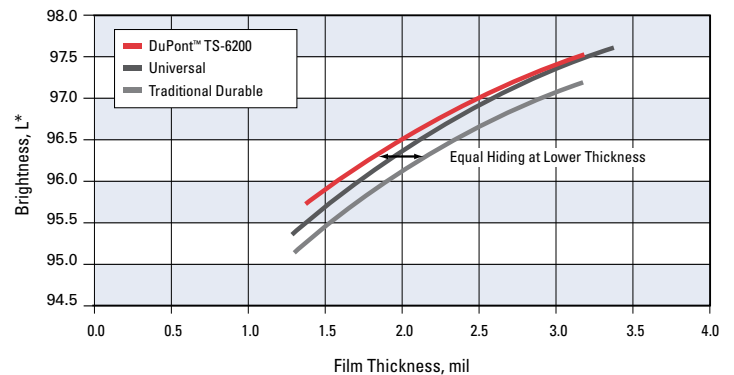


*Pigments Dispersed 15 min with a tip speed of 5.3 m/s by HSD  
2" Cowles Blade, 5.3 m/s for 15 minutes 69.5% TiO<sub>2</sub> Solids as measured in a polyester coil formulation  
Illustrates dispersion differences as detected by the DuPont Optical Counter*

## High Hiding Power

DuPont™ TS-6200 provides equivalent hiding at lower film thickness as compared to traditional durable and universal pigments. Figure 7 demonstrates DuPont™ TS-6200 hiding performance in a powder coating.

**Figure 7: DuPont™ TS-6200—Hiding Advantage**

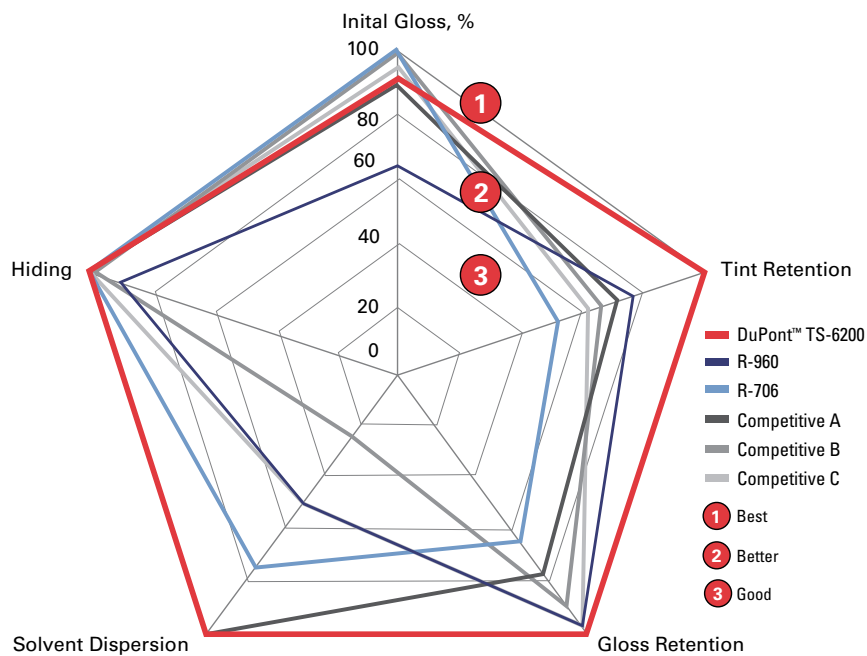


## For High Performance Exterior Coating Formulations

### The High Performance Exterior Advantage

DuPont™ TS-6200 advantage for discerning customers seeking a long-lasting coating that stands up to the test of time.

#### DuPont™ TS-6200 – Exterior Advantage



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#### Request Your Sample Today!

DuPont™ TS-6200 for high performance exterior coating formulations is available in specially packaged 25 kg bags and 1 metric tonne flexible intermediate bulk containers. If you need additional information or would like to request a sample, please visit our website or contact your local representative.

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