



THE R. J.  
**MARSHALL**  
C O M P A N Y

# White (ATH) Alumina Trihydrate

***A World Leader in Alumina Trihydrate products and reliable supply.***

The R.J. Marshall Company offers a full line of alumina trihydrate products for the Solid Surface industry with Dense Fill and the Cultured Onyx industry with Onyx Fill. Each series is carefully controlled for consistency and are designed to give optimal performance with beautiful results. Their managed resin demands contribute to good physical properties and decreased shrinkage & warpage. Color consistency is tightly controlled, which allows for predictable results. As in all ATH materials, Dense Fill and Onyx Fill meet Class I flame & smoke requirements. Dense Fill products are easily pigmented, allowing for the creation of a wide range of colors.

## **Dense Fill**

Typical Physical Properties

Product	DF174	DF211(A)	DF221	DF225	DF230
Resin Demand <sup>1</sup> (ml/100g)	23	28	27	30	25
Gel Time <sup>2</sup> (min)	25	36	15	16	22
Black Specks (#/100g)	10 max	10 max	10 max	10 max	10 max
Average Particle Size (um)	33	13	28	25	30
Translucency (foot-candles)	115	115	105	100	101
Color	Cool White	Cool White	White	White	Tan

1) Laboratory wet-out test, actual shop resin percentage may vary. 2) 65% filler loading, 2% catalyst based on resin weight.

## **Onyx Fill**

Typical Physical Properties

Product	OF136	OF250	OF255A	OF500	OF600	OF300
Resin Demand <sup>1</sup> (ml/100g)	25	25	21	25	23	25
Gel Time <sup>2</sup> (min)	15	15	20	15	15	15
Black Specks (#/100g)	10 max	10 max	10 max	10 max	10 max	10 max
Translucency (foot-candles)	115	115	105	100	120	110
Color	Cool White					Champagne

1) Laboratory wet-out test, actual shop resin percentage may vary. 2) 65% filler loading, 2% catalyst based on resin weight.

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