

# Birla Carbon's Raven® 5000 Ultra® II & Borchers Borch® Gen 0851

High Jetness in Water-Based Performance Coatings



Borch® Gen 0851 provides excellent performance with Raven 5000UII

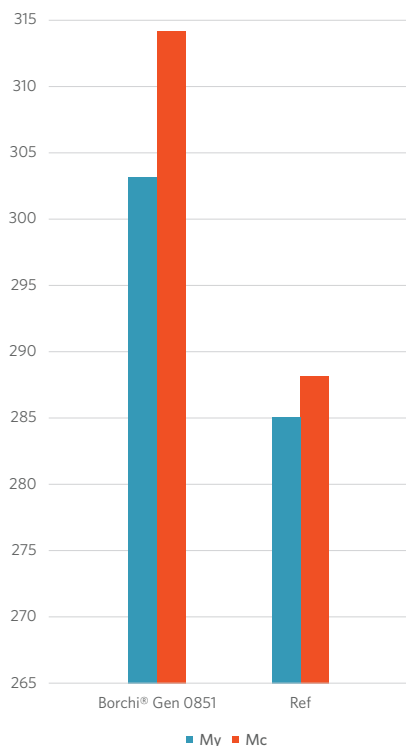
- Lower grind time
- Better pigment wetting
- Higher gloss performance
- Best jetness

### Resin Free Pigment Concentrate

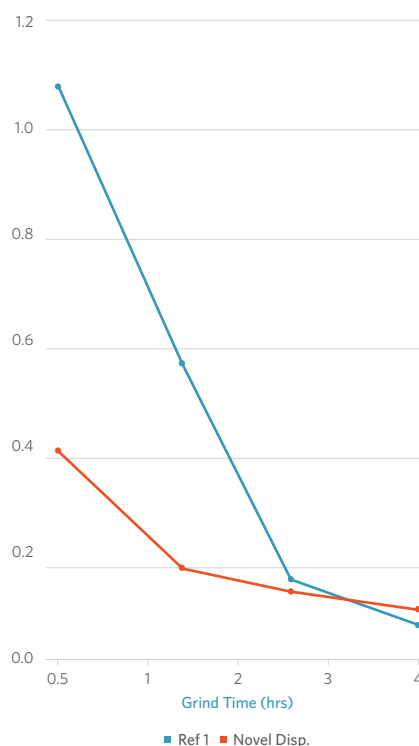
Ref. 1 (40% active)	37.50	X
Borch® Gen 0851 (50% active)	X	30.00
DI Water	47.00	54.50
Borchers® AF 1171	0.50	0.50
Raven 5000 UII	15.00	15.00
<b>TOTAL</b>	<b>100.00</b>	<b>100.00</b>
DOP	100.00%	

Grinding media YTZ 0.8 mm / Grinding times: 0.5, 1, 2, 4 hrs  
3% pigment letdown in 2KPU system  
Neutralize to pH of 7-8 for increased jetness performance

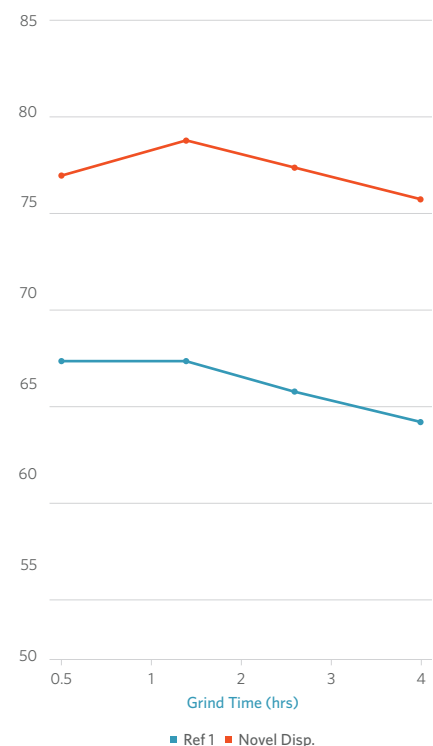
**Jetness**  
(X-Rite MA94)



**Mean PS**  
(HORIBA LA-910)



**20° Gloss**



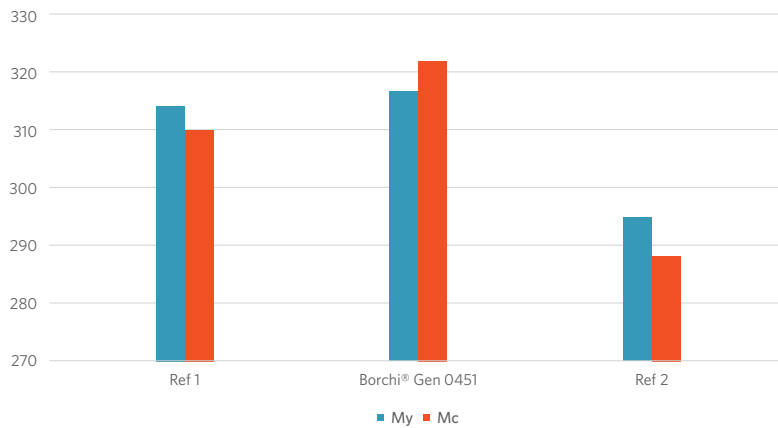
# Birla Carbon's Raven® 5000 Ultra® 3 & Borchers Borch® Gen 0451

High Jetness in Solvent-Based Performance Coatings



## Improve Jetness and Undertone (b\*) Performance with Borch® Gen 0451

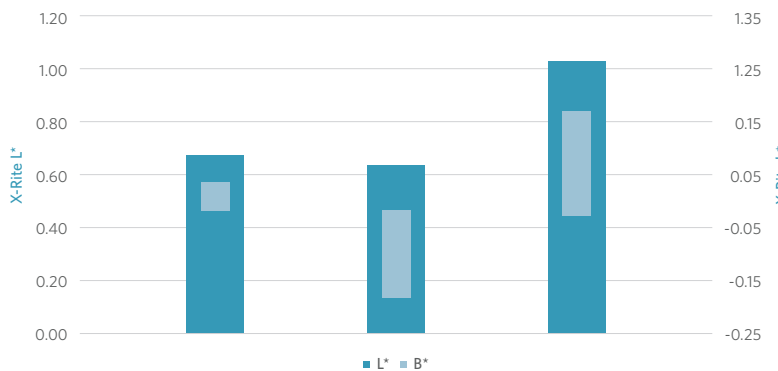
Jetness and Hue Dependent Blackness  
(My & Mc)



### Raven 5000U3 Key Features:

- Greater uniformity
- Increased compatibility
- Improved dispersion
- Enhanced color development

Darkness (L\*) and Undertone (b\*)  
(L\* & B\*)



Resin Free Concentrates	1	2	3
MPA (Methoxy propyl acetate)	27.50	25.84	35.00
Butyl Acetate	27.50	25.84	35.00
Reference 1- 50% active	30.00	X	X
Reference 2- 45% active	X	33.32	X
Borch® Gen 0451- 100% active	X	X	15.00
Raven 5000 U3	15.00	15.00	15.00
<b>TOTAL</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
DOP	100.00%	100.00%	100.00%

Grinding media YTZ 0.8 mm  
Grinding times: Lau 2 hrs

Order your sample at:  
[www.borchers.com](http://www.borchers.com)

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

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