

# HUBERCARB® W SERIES CALCIUM CARBONATE PRODUCTS

## QUINCY, IL

### FEATURES

- Low Moisture Content
- Low Silica Content
- Chalk-Like Softness
- Rounded Particle Shape

### PERFORMANCE

- Low Viscosity
- Low Abrasiveness
- Reduced Equipment Wear and Lower Maintenance
- Improved Surface Finish in Molded Parts

### QUALITY CONTROL

- Our Processes are Certified to ISO Standards
- Six Sigma® Tools and Processes

### PRODUCT LISTING

- Optifil® JS
- Optifil® JSU
- Optifil®
- Optifil® T
- Hubercarb® W3
- Hubercarb® W3N
- Hubercarb® W4

### ADDITIONAL PRODUCTS AVAILABLE FROM

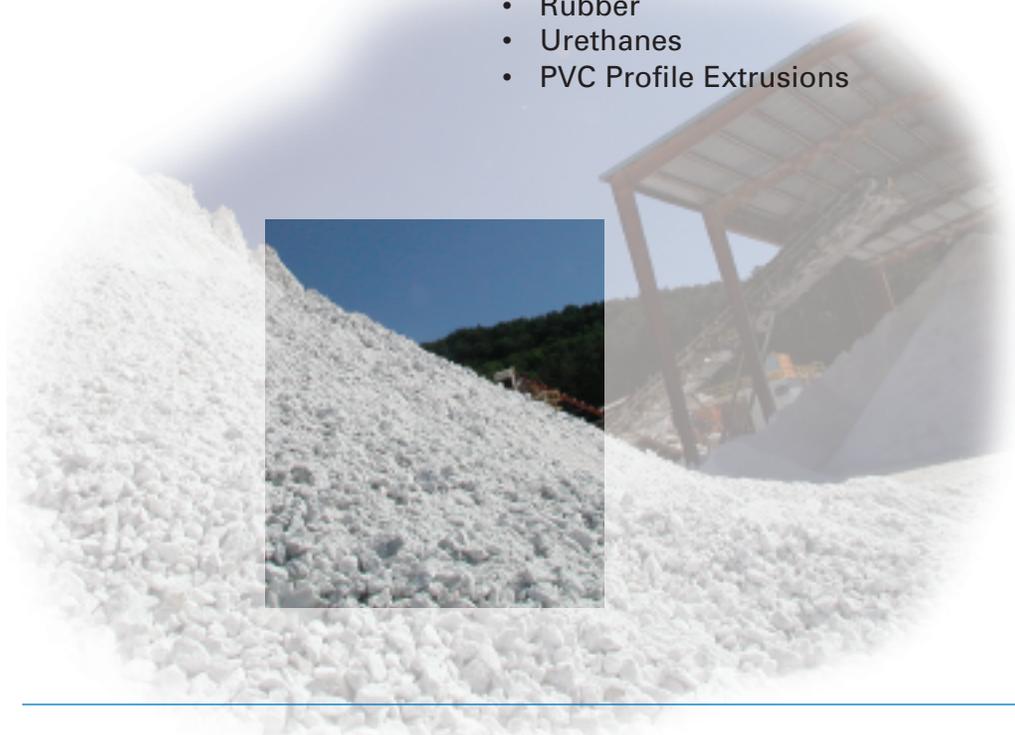
- Marble Falls, TX
- Marble Hill, GA

### PLANT LOCATION

J.M. Huber Corporation  
3150 Gardner Expressway  
Quincy, IL 62301  
[www.hubermaterials.com](http://www.hubermaterials.com)  
Customer Service:  
(877) 609-0847

### APPLICATIONS

- SMC / BMC Molded Products
- Automotive Body Parts
- Adhesives
- Ceramics
- Non-Abrasive Cleansers
- Rubber
- Urethanes
- PVC Profile Extrusions



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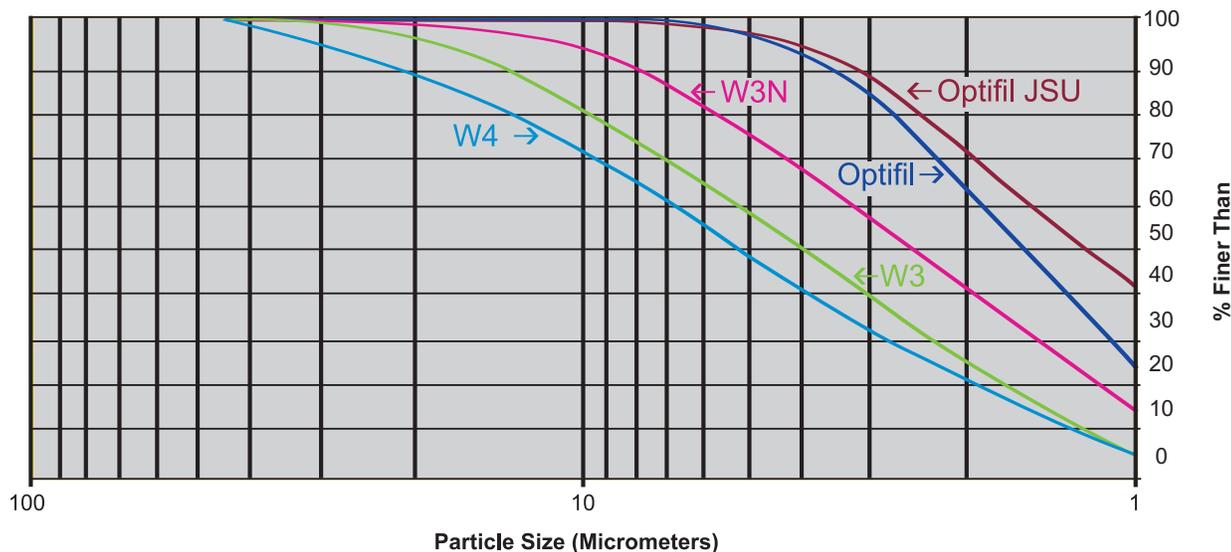
## TYPICAL CHEMICAL ANALYSIS

Calcium Carbonate	99.3%
Magnesium Carbonate	0.4%
Crystalline Silica	0.02%
Silica and Silicates	0.05%
Other	0.20%

## TYPICAL PHYSICAL PROPERTIES

Hubercarb® W Series	Optifil® JSU	Optifil® JS	Optifil®	Optifil® T	W3N	W3	W4
Surface Treatment		Treated		Treated			
Median Particle Size (Microns, Sedigraph)	1	1	1.7	1.7	2.8	4	5.9
Dry Brightness (Hunter Reflectance)	95	94	93	92	92	92	92
Oil Absorption (lbs oil/100 lbs, ASTM D-281)	19	18	17	16	15	15	13
Moisture (% , ASTM D-280)	0.25	0.25	0.2	0.2	0.2	0.1	0.1
Loose Bulk Density (lbs/ft <sup>3</sup> , ASTM C-110)	30	30	50	50	50	50	55
Compacted Bulk Density (lbs/ft <sup>3</sup> , ASTM C-110)	55	60	70	70	55	55	65
Weight Per Gallon (lbs/solid gallon)	22.6	22.6	22.6	22.6	22.6	22.6	22.6
325 Mesh Residue	0.05	0.05	0.005	0.005	0.005	0.005	1.0
Hegman Grind (ASTM D-1210)	5.5	5.5	6.5	6.5	6	6	2

## PARTICLE SIZE DISTRIBUTION (P.M.D. SEDIGRAPH METHOD)



HUBER ENGINEERED MATERIALS

For more information or to order samples, contact us:  
**1-866-564-8237**  
[www.hubermaterials.com](http://www.hubermaterials.com)  
 Email: [hubermaterials@huber.com](mailto:hubermaterials@huber.com)

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