



GROUND WALNUT SHELL GRIT PRODUCTS

WALNUT SHELL BLASTING MEDIA, WALNUT SHELL FLOURS, COSMETIC GRADE WALNUT

APPLICATIONS

Blasting ▪ Cosmetics ▪ Deflashing ▪ Filtration ▪ Tumbling ▪ Non-Skid ▪ Ceramic Burn-Out ▪ Filler

TYPICAL PROPERTIES

| | |
|--|-------------------------------------|
| APPEARANCE | Brown, granular |
| FLASH POINT | 380° F |
| CHARRING TEMPERATURE | 470° F |
| SPECIFIC GRAVITY | 1.2 - 1.4 |
| HARDNESS | MOH 3.5 ▪ Rockwell 91 ▪ Brinell 190 |
| PH AT 25°C in neutral H ₂ O | 4-6 |
| FREE MOISTURE 80°C 15 Hrs | 3-11% |
| DRY PACKING DENSITY | 22 - 53 lbs./cu. ft. |

CHEMICAL ANALYSIS

| | |
|--------------------|------------|
| NITROGEN | 0.10% |
| CELLULOSE | 40 - 60% |
| LIGNIN | 20 - 30% |
| TOLUENE SOLUBILITY | 0.5 - 1.0% |
| CHLORINE | .10% |
| ASH | 1.5% |
| CUTIN | 1.0% |
| NITROGEN | 0.10% |

STANDARD SIEVE SPECIFICATIONS (% THROUGH SCREEN)

| PRODUCT U.S. Screen | AD-1B 6/10 | AD-2.5B 8/12 | AD-3B 12/20 | AD-4B 14/30 | AD-6B 18/40 | AD-7B 35/60 | AD-9B 40/100 | AD-10.5B 60/200 | WF-2 -100 | WF-5 -200 | WF-7 -325 |
|---------------------|------------|--------------|-------------|-------------|-------------|-------------|--------------|-----------------|-----------|------------|-----------|
| #4 MESH | 100% (min) | | | | | | | | | | |
| #6 MESH | 95% (min) | 100% (min) | | | | | | | | | |
| #8 MESH | | 95% (min) | 100% (min) | | | | | | | | |
| #10 MESH | 15% (max) | | | | | | | | | | |
| #12 MESH | | 15% (max) | 95% (min) | 99% (min) | 99% (min) | 100% (min) | | | | | |
| #14 MESH | | | | 90% (min) | | | | | | | |
| #18 MESH | 1% (max) | | | | 85% (min) | | | | | | |
| #20 MESH | | 1% (max) | 5% (max) | | | 99% (min.) | | | | | |
| #30 MESH | | | | 10% (max) | | | 99.9%(min) | | | | |
| #35 MESH | | | 1% (max) | | | 88% (min) | | | | | |
| #40 MESH | | | | | 15% (max) | | 90% (min) | 99.9%(min) | | | |
| #50 MESH | | | | | | | | | 100%(min) | | |
| #60 MESH | | | | 1% (max) | 1% (max) | 14% (max) | | 80% (min) | | 100% (min) | |
| #100 MESH | | | | | | 1% (max) | 10% (max) | | 88% (min) | | 100%(min) |
| #200 MESH | | | | | | | 2% (max) | 10% (max) | | 88% (min) | |
| #325 MESH | | | | | | | | | | | 88% (min) |

PACKAGING

50 lb. Bags ▪ Pallets (40 bags per pallet) ▪ Supersacks (2,000 lbs.) ▪ Small & Large Drums

