COMPOSITION MATERIALS CO., INC.



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 25ºC in neutral H_2O	4-6
FREE MOISTURE 80ºC 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 (50 bags per pallet) ▪ Supersacks (2,000 lbs.) ▪ Small & Large Drums

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