

Kramer Industries, Inc.

140 Ethel Road West
Unit U
Piscataway, NJ 08854

888-515-9443
fax 732-650-0556
www.KramerIndustriesOnline.com

“Right From The Start”

Walnut Shell Grit

Grade	Mesh Size	Particle Size
Extra Coarse	4/6 Mesh	4.75 - 3.35 mm
Coarse	6/10 Mesh	3.35 – 2.00 mm
Coarse	8/12 Mesh	2.36 – 1.70 mm
Medium	12/20 Mesh	1.70 – 0.85 mm
Medium	14/30 Mesh	1.40 – 0.56 mm
Fine	18/40 Mesh	1.00 – 0.42 mm
Fine	20/30 Mesh	0.85 – 0.56 mm
Fine	20/40 Mesh	0.85 – 0.42 mm
Extra Fine	35/60 Mesh	0.50 – 0.25 mm
Extra Fine	40/60 Mesh	0.42 – 0.25 mm
Flour Grade	40/100 Mesh	425 – 150 micron
Flour Grade	60/100 Mesh	250 – 150 micron
Flour Grade	60/200 Mesh	250 – 75 micron
Flour Grade	-100 Mesh	150 micron and finer
Flour Grade	-200 Mesh	75 micron and finer
Flour Grade	-325 Mesh	35 micron and finer

Proximate Analysis

Cellulose	40 - 60%
Lignin	20 - 30%
Methoxyl	6.5%
Nitrogen	0.1%
Chlorine	0.1%
Cutin	1.0%
Toluene Solubility	0.5 – 1.0 %
Ash	1.5%

Typical Properties

Specific Gravity	1.2 to 1.4
Bulk Density (lbs per ft ³)	40 - 50
Mohs Scale	4.5 – 5
Free Moisture (80°C for 15 hrs)	3 – 9%
pH (in water)	4 – 6
Flash Point (closed cup)	380°