



Walnut Shells

Description

Walnut Shells are a low-cost material used to extend the resin and reduce the weight of cast parts. It is easily mixed into epoxy and polyurethane resins. This filler will not sink to the molded surface of most plastics due to its light density.

Typical Properties

Appearance	Granular
Color	Brown
Specific gravity	1.2-1.4
Hardness	MOH 3.5, Rockwell 91, Brinell 190
Charring Temperature	470°F
Flash Point	380°F
PH at 25°C in neutral water	4-6
Free Moisture (80°C for 15hrs)	3-9%
Dry Packing Density	25-45 lbs./cu. ft.

Chemical Analysis

Nitrogen	0.10%
Cellulose	40-60%
Lignin	20-30%
Toluene Solubility	0.5 – 1.0%
Methoxyl	6.5%
Chlorine	0.10%
Ash	1.5%
Cutin	1.0%

Ordering Information

SKU	Description	UM	Net wt.
054488	Walnut Shells 8/12 Mesh	Each	2.5lbs
054490	Walnut Shells 8/12 Mesh	Each	50lbs

The user shall determine the suitability of this product for their application and assumes all risks and liabilities associated with the use of this product. The exclusive remedy for all proven claims is replacement of our materials only and in no event shall Freeman Mfg. & Supply Co. be liable for special, incidental, or consequential claims.

READ SAFETY DATA SHEETS AND PRODUCT LABELS BEFORE USING PRODUCT