



Product Data Sheet

Valu-Fil® 650 - Pet & Animal Feed Grade

The Arcosa Specialty Materials Valu-Fil® 650 Pet and Animal Feed Grade Calcium Sulfate Dihydrate is an odorless, tasteless white powder produced by fine-grinding and air separating a select grade of high-purity white gypsum that is safe for use in animal feed products as outlined in 21CFR582.5230.

Typical Chemical Composition

• Purity Assay	98%
• LOD	19 %
• Free Moisture	0.04%
• Total Calcium	21%
• Total Sulfur	17%

Typical Physical Properties

• Specific Gravity	2.32
• Moh Hardness	2.0
• pH	7.5
• Free Water (%)	0.05

Typical Particle Size Distribution

Particles passing ASTM Sieves

• 40 Mesh	100%
• 325 Mesh	65.0%

Description

Valu-Fil®650 Pet and Animal Feed Grade, the Arcosa Specialty Materials brand of Calcium Sulfate, is a high purity, fine, soft white dihydrate form of gypsum with a specific gravity of 2.32, a typical pH of 7.5, Mohs hardness of 2.0 and combined moisture content of 20 percent (approx.). Typical average particle diameter of Valu-Fil is 45 microns.

A Macro mineral source for pet food and animal feed. Arcosa Specialty Materials' feed grade Calcium Sulfate dihydrate is an excellent source of the minerals calcium (22.6%) and sulfur (18.1%). Useful for skeletal growth, milk production and improved eggshell quality. Valu-Fil can be used at various proportions for specific purposes in dog, cat, and other pet foods, animal feeds and in liquid milk substitutes.

Packaging Options

Valu-Fil 650 is packaged in industry standard 50 lb. net weight bags, palletized and stretch wrapped on 3000 lb. pallets. It is also available in Super Sacks and in bulk.

BRC Certified

The BRC has certified the Arcosa Specialty Materials grinding plant in Bessie, OK. Our products meet the requirements of the Global Food Safety Initiative.

Revised 5/28/2025



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Transportation Logistics

Arcosa Specialty Materials has the ability to provide full traffic and distribution services to coordinate logistical activities involving product delivery in accordance with customer requirements which include FOB and delivered price billing.

Product Quality

Arcosa Specialty Materials is vertically integrated in order to be in complete control of all materials and processes responsible for the production of our products. To be sure consistency is maintained, we continuously sample and analyze Valu-Fi® 650 for purity, moisture, and particle size. A certificate of analysis is available upon request for each lot produced.

Customer Service

At Arcosa Specialty Materials, we have had a long and successful tradition of service as a supplier of Calcium sulfate to a diversity of industries, attesting to both our desire and ability to meet the needs of our customers. Our processing and grinding facilities offer easy access by either rail or truck. For special requirements, whether it's custom grinding, blending or shipping schedules, we stand ready to serve.

Customer Assurance Disclosure

Valu-Fil®650 Pet & Animal Feed Grade (ground calcium sulfate) is not processed to control microbial pathogens, including Salmonella.

Arcosa Specialty Materials has conducted a hazard analysis in compliance with the Food Safety Modernization Act (FSMA). The grinding and packaging of calcium sulfate does not include a validated kill step for microbial pathogens. As such; Arcosa Specialty Materials has implemented a Customer Assurance Program as outlined in 21 CFR 117.136 and 117.335, and/or 21 CFR 507.36 and 507.215 as applicable to the products produced at Arcosa Specialty Materials.

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