

DISPERSION OF ASBESTOS IN POLYSTYRENE



"Calidria" Asbestos RG-600



Untreated "Calidria" Asbestos

These electron micrographs show that surface-treated "Calidria" asbestos RG-600 disperses more readily in polystyrene resin than untreated "Calidria" asbestos.

EXTENDED MOLD, SCREW, AND DIE LIFE — "Calidria" asbestos RG-600 has a minimum of magnetite and rock particles that can wear processing equipment. The fibers themselves are also non-abrasive. As a result, RG-600 allows longer equipment life than fiberglass.

SCRAP REPROCESSING — In contrast to fiberglass, "Calidria" asbestos fibers do not fracture during compounding, extrusion, and molding. Thus, thermoplastic scrap containing this fiber can be reprocessed without sacrificing properties.

Handling Benefits:

PELLETS REDUCE DUST — The fibers of "Calidria" asbestos RG-600 are compacted and shipped as dust-free pellets. These pellets can be handled in bulk with minimum dust. This popular feature, available exclusively with "Calidria" asbestos, allows cleaner operations during materials handling and addition to thermoplastics.

FEED AUTOMATICALLY — The pellets of "Calidria" asbestos RG-600 are ideally suited for operations using automatic feed equipment. They flow quickly and smoothly through the equipment while generating a minimum of dust. Producers using Banbury mixers will find the high bulk density of the pellets permits optimum loadings.

EASIER HANDLING AND STORAGE — "Calidria" asbestos pellets are over twice as dense as open fibers. One ton of pellets occupies only 44 cu. ft. of space compared with up to 100 cu. ft. for typical open-fiber products. By using RG-600 pellets, handling is speeded and storage space is cut in half.

LOWER FREIGHT COSTS TOO — A box car can be loaded to its full 120,000 lb. capacity with "Calidria" RG-600 pellets. In comparison, much less open fiber can be loaded in the same car. Thus, pellets can save up to 20% on rail shipping costs by permitting use of lower tariffs. The high density of "Calidria" asbestos pellets also offers savings in truck freight costs in many parts of the country.

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