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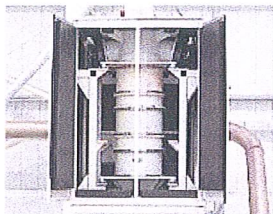


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International Innovative Technologies Launch New Low Energy Milling Technology



International Innovative Technologies (IIT) is launching its new patented low energy milling technology that is described as capable of meeting the fine grinding requirements of composites and other hard materials.

IIT has pioneered the new technology for the fine grinding of composites, raw materials and minerals into fine powders.

These include GRP and other composite materials as well as aluminium oxide, silicon carbide, glass and other minerals and aggregates.

IIT say the low energy performance of the new mill has the potential to convert what may currently be regarded as waste material into commercial products for recycling and re-use. This is particularly the case in the GRP industry where IIT explain they have successfully installed a milling plant in an established production facility for the recycling of scrap and waste GRP back into original products.

According to IIT, this process involves GRP waste first being converted into flakes using shredding equipment before secondary reduction is carried out in an IIT m-series mill which successfully converts the flakes into a fine powder of generally less than 100 microns for re-use in the primary batch for the manufacture of new GRP products.

IIT have carried out tests and production runs which, they say, have shown that the inclusion of a percentage of this powdered material back into the primary batch for the re-injection of new products has no detrimental effect on GRP.

The IIT grinding mill and ancillary particle sizing plant are ATEX compliant.

Publication Date: 13/09/2011

WWW Link: <http://www.iituk.com>

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