
Markets

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RockTron's range of alumino-silicate solid and hollow glass spheres, magnetite spheres and biocide coated glass spheres are of particular interest to:

- Polymer manufacturers / compounders
- Specialist compounders
- In-house large volume users of fillers & extenders

Due to the properties of these inorganic fillers/extendors such as :

- Shape
- Sizes
- Low oil absorption
- Hardness
- Density (lower than other inorganic fillers / extendors)

Together with cost and availability of supply, many end users can benefit from these product attributes.

Polymer manufacturers, using RockTron products, can supply filled polymers offering improved impact, thermal, wear performance properties and weight reduction, which can, for an example, result in product improvements to automotive bumpers, interior and under bonnet components. Or providing process improvements, weight and cost reduction in rubber door seals.

Specialist compounders, providing bespoke compounds to meet the special needs of their customer. In applications requiring antibacterial properties for example in hospitals, care homes and children's nurseries, the glass spheres coated with RockTron Biocide will offer unsurpassed protection against a vast range of bacteria including MRSA, E.Coli ,Clostridium Difficile (C.Diff.) and fungal growth.

In-house large volume users of fillers & extenders in for example paints & coatings, by using RockTron products as extenders or functional fillers in place of existing inorganic products, can benefit from the lower density and oil absorption offered by the RockTron glass microspheres.

Rubber, PVC and PU flooring manufacturers can benefit from the lower density, oil absorption, wear and sound deadening properties of RockTron products and with the addition of RockTron Biocide coated glass spheres , are able to offer cost effective antibacterial flooring products for hospitals, care homes, schools, sports complexes etc.

In the manufacture of thermoset components using resins such as Epoxies, Polyesters, Urethanes etc. in aerospace and boat building applications, where weight reduction combined with high strength is a requirement, the use of RockTron hollow glass spheres offers a cost effective solution.

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