

Industrial Manufacturing Technology and Application of Functional Fine Particle by Advanced Powder Processing

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In this article we report innovative applications of functional fine particle which is prepared via advanced powder processing. A advanced process for the preparation of functional fine particle and application was studied. In order to prepare the functional fine particle by advanced powder processing we have tried many different route and different materials. The obtained functional fine particle have been investigated by XRD, BET, TGA, EDX, and SEM methods. The final product is useful for the fine chemical industry which is using in the enzyme immobilization (Bio-conversion), paints fillers (fine chemicals), and elastomer reinforcement. A project on innovative industrial application of our products for tire, silicone rubber, paint and bio industry is in progress.

References

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