compared to traditional photocatalytic materials is that it has a narrow band gap, reduced activation energy and the ability to fragment organic compounds. Modifying materials of natural origin to enhance photocatalytic efficiency, durability and environmental friendliness is a future trend.



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2002

Life is everything including Science; Science is nothing without Materials



determined the heat stability of Curcumin due to the encapsulation of MMT.

**Biodegradable polymers:** Including biodegradable plastic products and materials. The product quickly decomposes when buried in soil. After that, the ingredients gradually biodegrade, causing no significant harm to the environment and ecosystem. Plastic waste is considered a danger of the 21st century. Today, waste not only covers the land but also exists in the ocean. Huge plastic landfills with an area of up to 15 million square kilometers (larger than the United States) can exist for thousands of years, causing serious harm to living creatures. Laboratory of Fundamental Materials Science's biodegradable plastic products have been completed and are ready to be transferred to market development.



