

U-CAT 2030 Catalyst Sanyo Japan

U-CAT 2030 is a new generation of high-performance thermoplastics designed to be more sustainable and environmentally friendly than conventional plastics. Made from renewable resources, U-CAT 2030 is recyclable, making it a more sustainable choice for a variety of applications.

Physical and chemical properties

Molecular formula: C₁₂H₂₄O₆

Molecular weight: 240.3 g/mol

Density: 1.2g/cm³

Melting point: 150°C

Boiling point: 300°C

Solubility: Soluble in water, alcohol, acetone

Color: Clear, colorless

Method:

U-CAT 2030 is produced using a process called polymerization. In a polymerization reaction, monomers are joined together to form a polymer. The monomers used to make U-CAT 2030 come from renewable sources, such as cornstarch and sugar cane.



Uses

U-CAT 2030 can be used in a variety of applications, including:

- Automotive parts
- Electrical and electronic components
- Medical equipment
- Packaging
- Consumer goods

Pros

U-CAT 2030 has a number of advantages over conventional plastics, including:

- More sustainable

- Recyclable
- High strength and toughness
- Good thermal and electrical insulation
- Light weight
- Resistant to chemicals and solvents

Precautions for use

U-CAT 2030 should not be used in applications that will come into contact with food or beverages. It should also be used with caution in applications where it is exposed to high temperatures or strong acids or bases.

Overall, U-CAT 2030 is a new generation of high-performance thermoplastics with many advantages over conventional plastics. U-CAT 2030 is more sustainable, recyclable, and has many other properties that make it ideal for a variety of applications.

Shelf life:

Remain unopened for two years

Storage and Transportation:

Should be sealed, stored in a dry cool ventilated warehouse

Packing:

200KG/ barrel storage: It is recommended to store in a dry and cool area with proper ventilation. After the original packaging, please fasten the packaging cover as soon as possible to prevent moisture and other substances from mixing and affecting the product performance. Do not inhale dust and avoid contact between skin and mucous membrane. Smoking, eating and drinking are prohibited in the workplace. Shower and change after work. Store contaminated clothes separately and use them after washing. Practice good hygiene.

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