



Resin HSC 7661

(Modified Epoxy Resin)

Product Description HSC 7661 is modified epoxy resin to be used for manufacturing of prepregs.

Features

- The system offers low initial mix viscosity which helps in achieving excellent fibre wetting. The low initial color of the system ensures a good color of the fibre composite.
- The systems are designed to give long working time required for proper wetting of larger size laminates. B-Stage may be carried out at elevated temperatures of order of 60-80°C to accelerate the curing process. Post curing facilitates Tg achievement.

Applications Laminates by prepreg techniques.

Product Specifications

Properties	Units	Reference Standard	Value
Appearance	Visual	HTP-1	Clear Liquid
Viscosity @ 25°C	mPas	ASTM D2196	300-1000
Color	Gardener	ASTM D1544	Max 2

HTP: HSCL Testing Procedure

Processing and Storage

Packing HSC 7661 is available in bulk packing of drums. For handling and pumping the maximum temperature shall not exceed 80°C

Mixing Materials to be thoroughly mixed prior usage including bottom of the container. Uneven mixing will affect the final cured properties.

Safety & Handling Following instructions needs to be followed strictly.

- Keep working conditions clean. Allow fresh air in, if possible, provide ventilator.
- Avoid contact with human body directly, wear gloves and other personal protective equipment.
- Wash hands carefully with soap. If possible, wash with acetone and alcohol first, then soap and water.
- In case of eye contact, wash with running water for 15 minutes and then seek medical treatment.

Refer MSDS for better instruction on Safety & Handling

**Storage
Conditions**

HSC 7661 should be stored away from light & heat. Partly emptied containers should be tightly closed immediately after use to avoid exposure to light. For information on waste disposal and hazardous products of decomposition in the event of a fire, refer to the Material Safety Data Sheets (MSDS) for these particular products. The shelf life is 24 months.

Disclaimer

All recommendations for use of our products, whether given by us in writing, verbally or to be implied from results of tests carried out by us are based on the current state of our knowledge. Notwithstanding any such recommendations the Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility. Therefore, the Buyer shall ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with and subject to our general conditions of supply.

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