



Hardener HSC 8571

(modified anhydride)

Product Description

HSC 8571 is modified anhydride hardener; it is used in combination with HSC 5510 which is liquid amine accelerator. The liquid hot curing system goes for castings along with HSC 7550/HSC 4500.

Features

- The system exhibits superior electrical, mechanical and thermal endurance properties.

Applications

- Indoor & Outdoor electrical insulators for medium/ high voltage like post insulators and bushings, Instrument transformers, Dry type distribution transformers, Switch gears.

Product Specifications

Properties	Units	Reference Standard	Value
Appearance	Visual	HTP-1	White semi-solid
Viscosity @ 40°C	mPas	ASTM D2196	40-60
Melting Point	°C	-	35-40
Melt Color	Gardener	ASTM D1544	Max 1
Density	g/cc	HTP-6	1.1-1.25

Formulation Guideline

HSC 4500/HSC 8571/ HSC 5510/ Silica- 100/90/0.5-1/250-300

Mix Viscosity @ 80°C	mPas	ASTM D2196	~1200
Gel time @ 120°C	Min.	HTP-17	4-5
Cure Schedule	NA	NA	6h 80°C + 10h 130°C
Glass Transition Temperature	°C	DSC	~100

HTP: HSCL Testing Procedure
NA: Not Applicable

Processing and Storage

Packing

HSC 8571 available in bulk packing of drums and container in packing size of 220 kg. Other packaging may be considered on request.

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 especially dust masks or respirators. 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

Components should be stored away from light & heat. Partly emptied containers should be tightly closed immediately after use to avoid exposure to air and 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 12 months for all components.

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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