

ARATHANE® 5888 IS US / ARATHANE® 5888 PO US

Product Description

ARATHANE® 5888 IS US / ARATHANE® 5888 PO US is a solvent-free, two-component flexible polyurethane casting system designed for casting or vacuum potting of high voltage electrical devices, especially instrument transformers and for encapsulation of electronic components. This system exhibits good working life at ambient temperature. After moderate cure at elevated temperature, it exhibits good mechanical and electrical properties, and it is UL 94 V0 compliant at 6 mm thickness.

Features

- Low viscosity
- Long working life at ambient temperature
- Good mechanical properties
- Good electrical properties
- UL 94 V0 compliant at 6 mm

Typical Properties*

Property	Isocyanate ARATHANE® 5888 IS	Polyol ARATHANE® 5888 PO
Appearance	Dark Brown Liquid	Black Liquid
Density g/cm ³ (AMTM0050)	1.24	1.64
Viscosity @ 25°C, cP (mPas) (AMTM0026)	30 - 50	25,000 - 30,000

*Typical properties are based on Huntsman's test methods.

Mix Ratios

Product	Parts by weight	Parts by volume
ARATHANE® 5888 IS	13	17.2
ARATHANE® 5888 PO	100	100

PLEASE CONTACT HUNTSMAN FOR FURTHER DETAILS

Storage

ARATHANE® 5888 IS US (isocyanate component) should be stored in a dry place, in the sealed original container, at temperatures between 2°C and 18°C (36°F and 64°F). Under these storage conditions the shelf life is **6 months** (from the date of manufacture). Tightly reseal container immediately after use. Purging the partially used containers with dry nitrogen is strongly recommended because ARATHANE® 5888 IS US is very moisture sensitive the product should not be exposed to direct sunlight.

ARATHANE® 5888 PO US (polyol component) should be stored in a dry place, in the sealed original container, at temperatures between 2°C and 40°C (35.6°F and 104°F). Under these storage conditions the shelf life is **6 months** (from the date of manufacture). The product should not be exposed to direct sunlight.

Precautionary Statement

Huntsman Advanced Materials Americas LLC maintains up-to-date Safety Data Sheets (SDS) on all of its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest MSDS to determine possible health hazards and appropriate precautions to implement prior to using this material.

First Aid!

Refer to SDS as mentioned above.

KEEP OUT OF REACH OF CHILDREN

FOR PROFESSIONAL AND INDUSTRIAL USE ONLY

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