

## I-SAN

### TECHNICAL DATA SHEET

#### TECHNICAL INFORMATION

INOLUB™ I-SAN is styrene copolymer encapsulated emulsion grade PTFE. Its primary use as a drip suppressant additive in flame-retardant formulations of thermoplastics such as PC, ABS, PC/ABS Alloy, and HIPS.

#### PRODUCT FEATURES

- Excellent dispersibility
- Easy handling
- Improve flame retardancy
- Uniform Surface appearance
- PFOA free
- High gloss

#### TYPICAL PROPERTIES

Properties	Test Method	Unit	Nominal Value
Appearance	INTERNAL	-	White
PTFE Content	ASTM D4441	%	50
Specific Gravity	ISO 1183	-	1.50
Bulk Density	INTERNAL	g/cm <sup>3</sup>	0.4
Moisture Content	INTERNAL	%	0.5
Average Particle Size	INTERNAL	µm	450

Note: These are typical properties and not to be used for specification purposes.

#### UL COMPLIANCE

Addition of INOLUB™ I-SAN in FR thermoplastic formulations suppresses dripping - essential to meeting the UL 94 V0 and 5V standard.

#### PACKAGING

INOLUB™ I-SAN is available in 25 Kg (55.1 gal) plastic bag /drum.

# INOLUB™ I-SAN

## HANDLING AND STORAGE

INOLUB™ I-SAN can be stored for a minimum of two years when kept in a clean and dry area at a temperature below 50°C (122°F).

## PROCESSING

INOLUB™ I-SAN can be directly added into the formulation during plastic compound extrusion - typical concentration is from 0.5% to 2.0% for effective drip suppression.

## SAFETY PRECAUTIONS

Please read the Material Safety Data Sheet and the detailed information in the "Guide for the Safe Handling of Fluoropolymer Resins" published by the fluoropolymer division of the Society of the Plastic Industries available at [www.plasticseurope.org](http://www.plasticseurope.org)

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WARNING: Do not use any of INOLUB™ PTFE additives in medical devices that are designed for permanent implantation in the human body. For other medical uses, prior permission of GFL may be sought.

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