

## Solvay GEROPONÂ® TC 42 Surfactant

Category : Fluid , Other Engineering Material , Additive/Filler for Polymer

### Material Notes:

Description: A paste form of Sodium Methyl Cocoyl Taurate that exhibits good lathering properties. Displays excellent dispersibility properties in hard water and high electrolyte loads. Compliant with the EU's detergent biodegradability regulation. Chemical Name: SODIUM N-COCONUT ACID-N-METHYL-TAURATE CAS: 61791-42-2 Solubility: Soluble in water. Available in: Asia Pacific, Europe, Latin America and North America Applications: GEROPONÂ® TC-42 is a coconut fatty acid derived anionic surfactant with excellent detergency and wetting properties. A mild surfactant with good foam boosting properties, GEROPONÂ® TC-42 exhibits soap like lathering characteristics even in hard water. GEROPONÂ® TC-42 is primarily used as a secondary foaming agent in skin cleanser and shampoo formulations. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-GEROPON-TC-42-Surfactant.php](http://www.lookpolymers.com/polymer_Solvay-GEROPON-TC-42-Surfactant.php)

Physical Properties	Metric	English	Comments
Density	1.16 g/cc	0.0419 lb/inÂ³	
pH	7.0 - 8.0	7.0 - 8.0	10% Solution; RP-0420

Thermal Properties	Metric	English	Comments
Melting Point	12.0 Â°C	53.6 Â°F	

Chemical Properties	Metric	English	Comments
Ionic Impurities - Fe (Iron)	<= 15 ppm	<= 15 ppm	O-PHENANTHROLINE; RP-0277

Processing Properties	Metric	English	Comments
Shelf Life	24.0 Month	24.0 Month	

Descriptive Properties	Value	Comments
Appearance	Soft, Smooth White Paste	RP-0064
Composition	Active	24-26%, EQ WT. 363, RP-0027
	Free Amine	<1.5, As Methyltaurine, RP-0793
	Free Fatty Acid	<2.0%, EQ. WT. 218, RP-0007
	Sodium Chloride	3-6%, RP-0097
Ionic Charge	Anionic	
Micro Limits	<10 CFU/G (No Pathogens)	APC, COA

## **Contact Songhan Plastic Technology Co.,Ltd.**

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