

Guarniflon TENFIL TF 400 Polytetrafluoroethylene Thread Sealant

Category : Polymer , Thermoplastic , Adhesives, Sealants, and Coatings , Fluoropolymer , PTFE

Material Notes:

TENFIL TF400 is a PTFE-based thread sealant in water dispersion, which increases the tightness of the threaded parts and prevents leakage of water. The product is intended for the assembly of fittings and threaded joints of different kinds of pipes. UL 1356 approved for use with METHANE, BUTANE, PROPANE, NATURAL GAS (GPL). Information provided by Guarniflon®

Order this product through the following link:

http://www.lookpolymers.com/polymer_Guarniflon-TENFIL-TF-400-Polytetrafluoroethylene-Thread-Sealant.php

Physical Properties	Metric	English	Comments
Solids Content	50 - 55 %	50 - 55 %	
pH	4.0 - 6.0	4.0 - 6.0	
Brookfield Viscosity	11000 - 13000 cP	11000 - 13000 cP	
Surface Tension	38 dynes/cm	38 dynes/cm	

Thermal Properties	Metric	English	Comments
Boiling Point	100 Å°C	212 Å°F	
Clash Berg Stiffness Temperature	0.000 Å°C	32.0 Å°F	

Processing Properties	Metric	English	Comments
Dry Time	1.00 hour @Temperature 20.0 Å°C	1.00 hour @Temperature 68.0 Å°F	
Drying Air Flow Rate	9000 l/min @Temperature 80.0 Å°C, Time 80.0 sec	318 ftÅ³/min (CFM) @Temperature 176 Å°F, Time 0.0222 hour	
	9000 l/min @Temperature 50.0 Å°C, Time 120 sec	318 ftÅ³/min (CFM) @Temperature 122 Å°F, Time 0.0333 hour	
Shelf Life	12.0 Month @Temperature 4.00 - 35.0 Å°C	12.0 Month @Temperature 39.2 - 95.0 Å°F	

Descriptive Properties	Value	Comments
Chemical Resistance	Alcohol	Good

Descriptive Properties	Value	Comments
	Aliphatic Solvents	Good
	Aromatic Solvents	Moderate
	Ester	Moderate
	Glycols	Good
	Grease	Good
	Ketones	Moderate
	Oils	Good
Color	Blue	

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