



Technical Specification - TN 3838

Talustech TN3838 is a 'Crossbraid' constructed packing, manufactured from exfoliated graphite also incorporating corrosion inhibitors, high thermal conductivity, self lubrication and rapid heat dissipation are major advantages of this packing.



1. Technical Characteristics

Construction	Square knitting cord
Material	Expanded graphite
Impregnate	---
Lubricate	---

2. Physical-Mechanical Properties Obligatory for Delivery and Acceptance

	Specific Unit	Nominal value	Tested to standard
Dimension of the cord	mm	3 till 25 mm	
Tolerance of dimension	mm	see TP 62-61-96, tab. 1	
Flexibility of the cord	-		



3. Other Physical-Mechanical Properties

		Specific Unit	Nominal value
Min operating temperature		°C	- 220
Max operating temperature		°C	+ 450
Max. operating temperature	Steam		+ 550
	Oxidising gases		+ 450
	Inert gases		+ 1000
Max operating pressure	Valve	bar	250
	Piston pump		100
	Centrifugal pump		20
Max. operating velocity	Piston pump	m.s ⁻¹	1,5
	Centrifugal pump		20
Density		g.cm ⁻³	0,9-1,3
Chemical resistance		pH	0 - 14



4. Chemical Resistance Table

Good Resistance	Medium Resistance
Amine, Nitrile	Abrasive Slurries
Medium Acid	Strong acid
Acids	Strong alkali
Weak Acids	Bitumen
Oxygen (up to 350°C)	
Neutral solution	
Mineral Oils	
Synthetic Oils	
steams	
inert Gases	
Acid Gases	
Solvents	
Volatile Hydrocarbons	
Water	
Hydrogen	
Weak Alkalis	

As the function and durability of the products depend upon a number of factors, the data may not be used to support any warranty claims.

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