

Material data sheet 66616

PTFE 50

Indicative temperature range : **-150°C / 260°C**

Color : **White**

RoHS (2002/95)

VHU (2000/53)

SVHC¹ Free

Phthalate Free

Properties

Property	Standard	Unit	Required value	Value
Hardness		Shore D	>50	
Tensile strength		MPa	>19	
Specific gravity		g/ cm ³	2.18+/- 0.04	
Maximum elongation		%	>200	
Coefficient of linear expansion		10-6/ °C	100	
	<i>Temperature 23-100 °C</i>			

Approvals

Approval	Level	Comment	Validity
FDA positi	FDA positive list	21.177.1550	
02/ 72/ CE	2002/ 72/ CE European alimentarity		
ADI	ADI Animal Derived Ingredient free	Animals Derived Ingredients free	

PTFE is conform to TSE/BSE EMEA 410/01

PTFE is asbestos free

Material was made from components which are in conformity according the positive list of directive 2002/72/CE for the plastics

SVHC = Substance of Very High Concern according to regulation REACH 1907/2006
These data are for information only.

They can be modified at any moment without notice.

Values indicated above are based on tests conducted on laboratory samples.

Values on finished parts can be different depending on shape, curing parameters etc.

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