

Tygon B-44-3

Polyvinyl Chloride
Saint Gobain - Norton

Message:

Tygon B-44-3 is a Polyvinyl Chloride product. It can be processed by injection molding and is available in North America. Applications of Tygon B-44-3 include food contact applications, hose/tubing and plumbing/piping/potable water.

Characteristics include:
Low to No Odor/Taste
Chemical Resistant
Good Flexibility
Non-Toxic

General Information			
Features	Good Chemical Resistance		
	Good Flexibility		
	Low to No Odor		
	Low to No Taste		
	Non-Toxic		
Uses	Tubing		
Agency Ratings	FDA Food Contact, Unspecified Rating		
	NSF 51		
Appearance	Clear/Transparent		
Forms	Tubing		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm³	ASTM D792
Water Absorption (24 hr)	0.13	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	63		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	15.9	MPa	ASTM D638
Tensile Elongation (Break)	410	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Compression Set	45	%	ASTM D395
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	73.9	°C	ASTM D794
Brittleness Temperature	-45.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	20	kV/mm	ASTM D149

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

