

# ELASTICHEM™ 5011TX-02

Flexible Polyvinyl Chloride

Colorite Polymers

Message:

ELASTICHEM™ 5011TX-02 is a Flexible Polyvinyl Chloride product. It can be processed by extrusion or injection molding and is available in Asia Pacific, Europe, or North America. Applications of ELASTICHEM™ 5011TX-02 include food contact applications and medical/healthcare.

Characteristics include:

Good Flexibility

Non-Toxic

General Information	
Features	Good Flexibility
	Low Friction
	Low Gel
	Non-Toxic
	Resilient
	Tack Free
Uses	Medical/Healthcare Applications
Agency Ratings	FDA Unspecified Rating
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2.94	MPa	ASTM D638
Tensile Strength	11.4	MPa	ASTM D638
Tensile Elongation (Break)	470	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-55.0	°C	ASTM D746
Freezing Point	-49	°C	ASTM D746

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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

