

# FLEXCHEM™ 5552

Flexible Polyvinyl Chloride

Colorite Polymers

### Message:

FLEXCHEM™ 5552 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. Typical application: Medical/Healthcare.

Characteristics include:

Plasticized

Sterilizable

Good Flexibility

Good Mold Release

Wear Resistant

General Information	
Additive	Plasticizer
Features	Durable
	Ethylene Oxide Sterilizable
	Good Flexibility
	Good Mold Release
	Plasticized
	Radiation Sterilizable
Agency Ratings	USP Class VI
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)	55		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	4.55	MPa	ASTM D638
Tensile Strength	10.0	MPa	ASTM D638
Tensile Elongation (Break)	310	%	ASTM D638

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](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

