

FLEXCHEM™ 4553

Flexible Polyvinyl Chloride

Colorite Polymers

Message:

FLEXCHEM™ 4553 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		
	Non-Phthalate Plasticizer		
	Radiation Sterilizable		
Agency Ratings	USP Class VI		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	45		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	3.03	MPa	ASTM D638
Tensile Strength	9.48	MPa	ASTM D638
Tensile Elongation (Break)	450	%	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

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

