

FLEXCHEM™ 4552

Flexible Polyvinyl Chloride

Colorite Polymers

Message:

FLEXCHEM™ 4552 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	1.12	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	2.76	MPa	ASTM D638
Tensile Strength	6.62	MPa	ASTM D638
Tensile Elongation (Break)	290	%	ASTM D638

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Recommended distributors for this material

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