

# FLEXCHEM™ 8553

Flexible Polyvinyl Chloride

Colorite Polymers

## Message:

FLEXCHEM™ 8553 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	1.28	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	13.6	MPa	ASTM D638
Tensile Strength	24.1	MPa	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638

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