

Esmedica VH 9142EH

Polyvinyl Chloride
Sekisui Chemical Company, Ltd.

Message:

Esmedica VH 9142EH is a Polyvinyl Chloride product. It can be processed by blow molding, casting, or extrusion and is available in North America. Typical application: Medical/Healthcare.

General Information	
Uses	Medical/Healthcare Applications
Appearance	Clear/Transparent
Forms	Pellets
Processing Method	Blow Molding Casting Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	62		ASTM D2240
Films	Nominal Value	Unit	Test Method
Water Vapor Transmission	50	g/m ² /24 hr	ASTM E96
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	3.43	MPa	ASTM D412
Tensile Strength (Yield)	12.3	MPa	ASTM D412
Tensile Elongation (Break)	560	%	ASTM D412
Optical	Nominal Value	Unit	Test Method
Transmittance	90.2	%	ASTM D1003
Haze	7.0	%	ASTM D1003

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