

Esmedica V 7142E

Polyvinyl Chloride
Sekisui Chemical Company, Ltd.

Message:

Esmedica V 7142E is a Polyvinyl Chloride product. It can be processed by casting or extrusion and is available in North America. Applications of Esmedica V 7142E include food contact applications and medical/healthcare.

General Information	
Uses	Medical Devices
Agency Ratings	FDA Unspecified Rating
Appearance	Clear/Transparent
Forms	Pellets
Processing Method	Casting Extrusion

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)	71		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	3.63	MPa	ASTM D412
Tensile Strength (Yield)	15.2	MPa	ASTM D412
Tensile Elongation (Break)	550	%	ASTM D412
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-70.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.4E+13	ohms	ASTM D257
Volume Resistivity	1.1E+12	ohms · cm	ASTM D257
Dielectric Constant (1 kHz)	5.20		ASTM D150
Optical	Nominal Value	Unit	Test Method
Transmittance	93.9	%	ASTM D1003
Haze	3.1	%	ASTM D1003

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Recommended distributors for this material

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