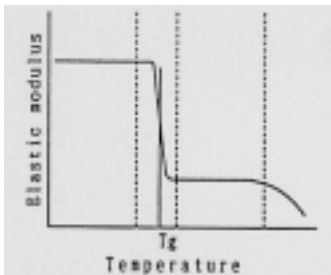
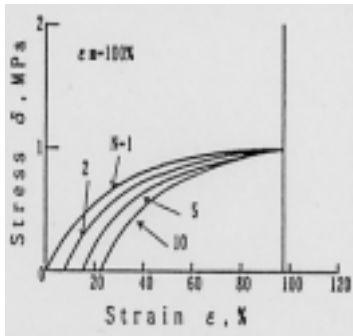
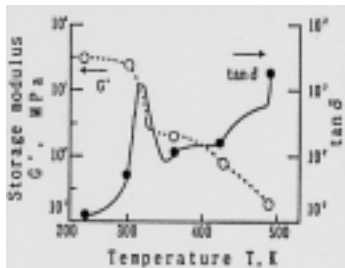
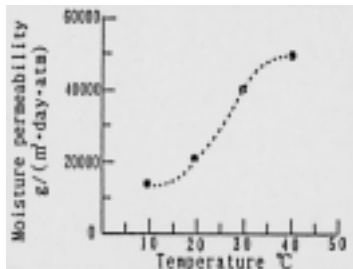


Properties and Applications of Shape Memory Polymer

SMP Technologies Inc.

PROPERTIES		APPLICATIONS	
		Developed & Applied	Under Developing & Ideal Phase
<u>Modulus</u>		<ul style="list-style-type: none"> • Autochoke for Engine • Intravenous Cannula 	<ul style="list-style-type: none"> • Pressure sensitive switch
<u>Shape Memory Property</u>		<ul style="list-style-type: none"> • Spoon, scissors, tooth brush and kitchen knife for Handicapped • Wig net • Dole Hair • Water-proofing film tape bandage • Printing for leather • Transforming photo to canvas • Surgical cast • Lining of Inner Pipe • Artificial Nail • Toys • Development structures for outer space • Readily decomposable Fasteners 	<ul style="list-style-type: none"> • Memory Material for CD • Artificial Muscle • Ski insole • Shape Memory for natural fiber • Shrink Film • IC Tag
<u>Damping Property</u>		<ul style="list-style-type: none"> • Lingerie generally (Bra cup) • Glasses parts (Nose pad, ear pad) • Damping Material • Intravenous Cannula • Inner Support of Mask • Cosmetics Foundation • Insole 	<ul style="list-style-type: none"> • Lens • Artificial Blood Vessel
<u>Gas Permeability</u>		<ul style="list-style-type: none"> • Sports outfit • Water-proofing film tape bandage • Humidity Controlled Film • Diaper Cover • Water Proof Shoe • Sanitary Shorts • Wrapping Film • Amphibious clothes • Night cover for showcase 	<ul style="list-style-type: none"> • Artificial Skin • Gas Separator