

Test item		Unit	Condition
Tensile strength		MPa	<b>Test device</b> : Specify in JIS B 7721
			<b>Specimens</b> : 150 mm long (5 pcs)
			<b>Test procedure</b> : Follow JIS K 6301
Ultimate elongation		%	<b>Test device</b> : Specify in JIS B 7721
			<b>Specimens</b> : 150 mm long (5 pcs)
			<b>Test procedure</b> : Follow JIS K 6301
Aged	Tensile strength	%remaining	<b>Duration</b> : 120 hrs <b>Temperature</b> : 100 ± 3 °C
	Ultimate elongation	%remaining	<b>Duration</b> : 120 hrs <b>Temperature</b> : 100 ± 3 °C
Cold bend		°C	<b>Specimens</b> : Suitable length
			<b>Temperature</b> : -20 ± 3 °C
			<b>Duration</b> : 30 min

Test sample is PVC tube ID 3 mm x OD 4 mm (wall thickness = 0.5 mm)

Sample picture



Test item		Unit	Condition
Oiled	Tensile strength	%remaining	<b>Specimens</b> : 150 mm long
			<b>Temperature</b> : 70 ± 3 °C
			<b>Duration</b> : 4 hrs ± 10 min
Oiled	Ultimate elongation	%remaining	<b>Oil type</b> : refer to attached page
			<b>Specimens</b> : 150 mm long
			<b>Temperature</b> : 70 ± 3 °C
Heat deformation rate		%	<b>Duration</b> : 4 hrs
			<b>Specimens</b> : 30 mm long
			<b>Temperature</b> : 120 ± 3 °C
Heat longitudinal rate		%	<b>Duration</b> : 1 hrs
			<b>Force</b> : 400 gf (3.92 N)
			<b>Specimens</b> : 300 mm long
Heat longitudinal rate		%	<b>Temperature</b> : 120 ± 3 °C
			<b>Duration</b> : 1 hrs
			<b>Specimens</b> : 300 mm long
Flamability		Sec	<b>Test gas</b> : Natural gas of a calorific vaule about 37 NJ/m3 LPG gas follow JIS K 2240
			<b>Specimens</b> (method A) : 450 mm long insert a 550 mm metal tube of bar into specimen
			<b>Specimens</b> (method B) : 660 mm long insert a 990 mm piano wire diameter 0.74 mm or 0.25 mm into specimen
			<b>Test procedure</b> : Tip flame temperaturre is 816 °c or more