



PROPERTY SHEET BASED ON JIS



Japanese Industrial Standards : JIS

Specifies the standards used for industrial activities in Japan. The standardization process is coordinated by Japanese Industrial Standards Committee and published through Japanese Standards Association.

TEST ITEM	JIS (JAPANESE INDUSTRIAL STANDARD) K 6902		TEST RESULTS
	TESTING METHOD	STANDARD RATIO	
Resistance to abrasion	Abrasion test machine	Value abrasion 200 cycles or more	300-700
Resistance to boiling	Soak in boiling water for 2 hours	Weight increase 17% or less	7-13
		Thickness in crease rate 19% or less	7-13
		No visible change in appearance	No visible change
Resistance to heat	In a pot of 180°C vegetable oil for 20 minutes	No visible change in appearance	No visible change
Rate of dimentional variation	a. Low humidity 70±2°C for 24 hours b. High humidity 40±2°C and 92.5±2.5% relative humidity for 96 hours	Longitudinal direction 0.7% or less	0.2-0.3
		Transverse direction 1.2% or less	0.6-0.8
Resistance to impact	Drop a steel ball (28.1 gram) onto the surface	Height of drop ball 100 mm or more	200-300
		No change and no cracks of surface	No change and no Cracks of surface
Resistance to staining	Use staining agent for 16-24 hours. Staining agents are milk, 10% citric acid, aqueous solution, gasoline or naphtha, acetone, olive oil, 10% aqueous ammonia, acid sodium sulfide saturated aqueous solution	No change or slight change of surface	No change of surface
	Black tea, coffe, 1% iodine alcoholic solution, vinegar, crayon, shoe pollish black, dyeing extract, ink, 2% mercurochrome, 5% carbolic acid, soy sauce	No change or slight change of surface	No change or slight change of surface
Resistance to light	Light exposure test machine	No change or slight change of surface	No change or slight change of surface
		$\Delta E(\text{Lab}) = 3.0$ or less	0.3-0.2
Resistance to cigarette burns	Electric heater	Failure for 45 second or more	80-170
Resistance to hot water	Pour boiling water or put a pot of boiling water for 20 minutes	No visible change	No visible change