

August 21, 2007

## Molding material physical properties table

Acrylonitrile-butadiene-styrene resin (General grade)

• General properties of matter item

Examination item	Unit	Physical properties value	Test methodology
Flexibility test	Strength	MPa	JIS K-7171
	Degree of elasticity	MPa	
Tensile test	Strength	MPa	JIS K-7162
	Degree of elasticity	%	
Izod impact strength test	23°C	kJ/m <sup>2</sup>	JIS-7110
	0°C	kJ/m <sup>2</sup>	
Surface hardness	Rockwell hardness	103	Rockwell R,M,L: JIS K-7202 Shore D,A: JIS K-7002
Compression-Deflection Test	°C	87	JIS K-7191
Linear coefficient of expansion	× 10 <sup>-5</sup> /°C	8.2-8.7	In-house method
Combustibility	—	HB	UL94

\*The above-mentioned is measurements and not a guaranteed value.

[Linear coefficient of expansion. An office measurement method]

Calculations from the change in temperatures fluctuates 0-40 degrees of 300mm cutting sample in size.