

October 20, 2009

Molding material physical properties table

Acrylonitrile-Ethylene-Styrene Resin (Pushing out public 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 ²	JIS-7110
	0°C	kJ/m ²	
Surface hardness	Rockwell hardness	105	Rockwell R,M,L: JIS K-7202 Shore D,A: JIS K-7002
Compression-Deflection Test	°C	92	JIS K-7191
Linear coefficient of expansion	× 10 ⁻⁵ /°C	7.9-8.4	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 fluctuate 0-40 degrees of 300mm cutting sample in size.