

Sekisui PVC HA-53K

Polyvinyl Chloride
Sekisui (Hong Kong) Limited

Message:

Sekisui PVC HA-53K is a polyvinyl chloride product. It is available in the Asia-Pacific region. The main characteristics are: heat resistance.

General Information			
Features	Heat resistance, high		
Appearance	White		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.56	g/cm ³	JIS K7112
Apparent Density	0.50 - 0.60	g/cm ³	JIS K6720-2
K-Value	66.0		JIS K6720-2
Chlorine Content	67.0	wt%	ISO 1158
Heat Loss		wt%	JIS K6720-2
Temperature - Flex	93	°C	JIS K6745
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	61.0	MPa	JIS K7113
Tensile Strain (Break)	60	%	JIS K7113
Flexural Modulus	2850	MPa	JIS K7171
Flexural Stress	89.0	MPa	JIS K7171
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	23	kJ/m ²	JIS K7111
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	103	°C	JIS K7207
1.8 MPa, not annealed	93.0	°C	JIS K7191-1
Vicat Softening Temperature	116	°C	JIS K7206
CLTE - Flow	7.0E-5 - 7.5E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity ¹ (23°C)	1.0E+15	ohms · cm	
Dielectric Strength ²	47 - 63	kV/mm	
Dielectric Constant			
60 Hz	3.08		
1 MHz	3.20 - 3.60		
Additional Information	Nominal Value	Unit	Test Method
Flow Rate (Flow Tester): 0.005 ml.sec			
NOTE			
1.	50% RH		

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