

Vinylec[®] Resins

Chemical and Physical Properties

Chemical Properties (Resistance):

Chemical Properties (Resistance)					
Chemicals	Types	K	L	H	E
Acids & bases	Weak acids		○		
	Strong acids		○		
	Weak bases		○		
	Strong bases		○		
Organic solvents	Alcohols		○		
	Chlorinated		×		
	Aliphatic		○		
	Aromatic		○		
	Esters		○		
	Ketones		○		

• Excellent, ° Good, x Poor

Physical Properties (Resistance):

Physical Properties					
Items	Types	K	L	H	E
Specific gravity			1.1~1.3		
Tensile strength (N/mm ²)			49~78		
Flexural strength (N/mm ²)			108~127		
Hardness (Shore hardness tester)			70~80		
Flow temperature (°C)			140~150		
Heat distortion temperature (°C)			84~93		
Dielectric strength (kV/mm)			26~39		
Volume resistivity (Ω·cm)			10 ¹⁴ ~10 ¹⁶		
Dielectric constant (60Hz)			3.0~3.7		
Dissipation factor (60Hz)			0.006~0.015		