

# VERONEX Cases

**VERONEX** is a breakthrough in plastic enclosure design, combining the versatility and functionality demanded by engineers, with the modern styling appreciated by their customers.

The **VERONEX** range, available in 5 different plan sizes and 9 heights, is manufactured in UL94-V0 flame retardant ABS. The enclosures boast an attractive, lightly textured non-scratch finish which has been achieved using a unique chemical etch process.

A selection of quality accessories ideally suits **VERONEX** enclosures to a wide variety of OEM and consumer electronics, electrical and telecommunications applications. (see page14).

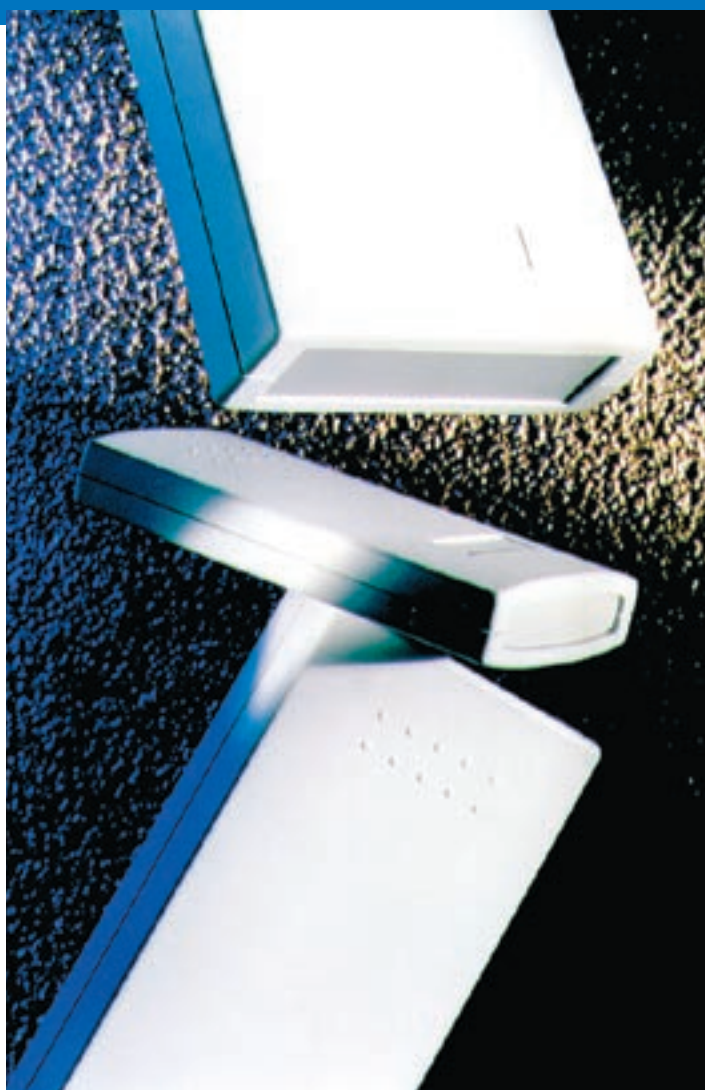
## MATERIAL PERFORMANCE CHARACTERISTICS

### ABS (FLAME RETARDANT)

<b>MECHANICAL PROPERTIES</b>	<b>Units</b>	<b>Test method</b>	<b>Result</b>
Izod impact strength	J/m	ASTM D256 ISO R180	60
Impact strength	KJ/m2		
Unnotched	KJ/m2	DIN 53453	70
Notched	KJ/m2	ISO R179	7
Tensile properties			
Yield strength	N/mm2	similar to DIN53455	17
Failure strength	N/mm2		22
Elastic modulus	N/mm2	ISO R527	1800
Flexural properties			
Maximum load	N/mm2	ASTM D790	35
Deflection at break	mm	ISO 178	-
Elastic modulus	N/mm2		1900

<b>THERMAL PROPERTIES</b>	<b>Units</b>	<b>Test method</b>	<b>Result</b>
Heat deflection temperature	°C	ASTM D648 DIN 53461 ISO 75A	85
Vicat softening point	°C	ASTM D1525	98
	°C	DIN 53460 ISO 306	89
Melt flow index	g/10mins	ASTM D1238 DIN 53735 ISO R1133	10
UL combustibility test	Fire classification	UL subject 94	V-0
UL file number	E70014(M)		

<b>ELECTRICAL PROPERTIES</b>	<b>Units</b>	<b>Test method</b>	<b>Result</b>
Specific volume resistivity	Ohm. cm	DIN 53482 VDE 0303	450
Dielectric strength	KV/mm	IEC243 DIN 53481	44



VERONEX