



DATA SHEET: VACUUM CASTING RESIN 8263

Description:		Flame retardant, good impact strength	
Features:		Certified fire retardant UL94V-0	
Suitable for:		Electrical enclosures	
Cured Properties		Test/ISO standard where applicable	
Colour	White		
Transparency	Translucent		
Shore hardness	At 23 °C	83 D	868
	At 60 °C	80 D	
	At 80 °C	80 D	
Flexural strength	93 N/mm ²		178
Flexural modulus	2200 N/mm ²		178
Tensile strength	68 N/mm ²		R 527
Tensile modulus	Not measured		R 527
Izod impact	10 KJ/m ²		180
Yield strength	Not measured		R 527
Elongation yield	Not measured		
Elongation at break	15%		R 527
Tear Strength	Not measured		34
Thermal Conductivity	7 W/mK		BS 874
Heat deflection temperature	80 °C		
Glass transition temperature	Not measured		
Processing Information		Notes	
Viscosity	Part A	1000 cPs	At 25 °C
	Part B	160 cPs	
Specific gravity	Part A	1.30	At 25 °C
	Part B	1.19	
Mix ratio A:B	100:150		By Weight
Mixing Time	60 s		
Resin temperature	40 °C		Heating Chamber
Mould temperature	70 °C		Heating Chamber
Curing temperature	70 °C		Heating Chamber
Curing time in mould	60 min		
Pot life	360 s		100 g at 25 °C
Post curing process	None		
Typical shrinkage	0.30%		

The information in this data sheet is provided for general guidance only and must not be relied upon as a definitive statement of the product's properties or suitability. CBM will not be liable for the consequences of any decision by you to use the product and you must conduct your own testing to determine whether or not the product is suitable for your needs.