



DATA SHEET: VACUUM CASTING RESIN 9070

Description:		Medium hard rubber
Features:		Excellent optical properties, perfect clarity – any colour can be matched
Suitable for:		Seals and gaskets
Cured Properties		Test/ISO standard where applicable
Colour	Colourless	
Transparency	Transparent	
Shore hardness	At 23 °C 70 A At 60 °C 67 A At 80 °C Not measured	868
Flexural strength	68 N/mm ²	178
Flexural modulus	2460 N/mm ²	178
Tensile strength	4.3 N/mm ²	R 527
Tensile modulus	Not measured	R 527
Izod impact	Not measured	180
Yield strength	Not measured	R 527
Elongation yield	Not measured	
Elongation at break	225%	R 527
Tear Strength	20 N/mm ²	34
Thermal Conductivity	0.198 W/mK	BS 874
Heat deflection temperature	Not measured	(test piece 110 mm x 12.7 mm x 6.4 mm)
Glass transition temperature	Not measured	
Processing Information		Notes
Viscosity	Part A 1000 cPs Part B 160 cPs	At 25 °C
Specific gravity	Part A 0.98 Part B 1.18	At 25 °C
Mix ratio A:B	100:50	By Weight
Mixing Time	30 s to 40 s	
Resin temperature	40 °C	Heating Chamber
Mould temperature	70 °C	Heating Chamber
Curing temperature	70 °C	Heating Chamber
Curing time in mould	180 min	
Pot life	240 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.