

K-15-1

Flexible Potting Compound

DESCRIPTION:

K-15-1 is a flexible low durometer hardness, urethane potting and encapsulating compound. The gel time allows time for vacuuming the compound as well as allowing for a relatively quick assembly turn over rate. Typical applications for K-15-1 would be the potting and encapsulating of sensitive electronic components and assemblies. K-15-1 also makes an ideal mold making compound.

Note: Urethane compounds are moisture sensitive and must be protected from moisture contamination. Moisture can cause foaming and cure inhibition of the compound.

TYPICAL PHYSICAL PROPERTIES:

Part "A"	Color:	White
	Viscosity:	1300 cps
	Specific Gravity:	1.12
Part "B"	Color:	Amber
	Viscosity:	50 cps
	Specific Gravity:	1.24
Mixed: Color:		Off White
		1000 cps
		1.14
Mix Ratio By Weight:		100 A/ 27B
Gel time in 100 g mass:		20 min
Cure:		24 Hours @ 23°C
		[Elevated Temperature: Gel 1hour @ 23°C
		Plus 4 hours @ 80°C]
Shore A Hardness:		60-70 A

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