

Product Guide -Electronic & Engineering Materials - Casting & Potting Compounds

Segment	End-Product/ Application	Product Offering	Mixing Ratio (R:H:A)	Distinctive Features
Components	Capacitor Potting	Dobeckot 5601/ Hardener 5601	100:12	Filled, Fire Retardant, Halogen free, RoHS Compliant, Rigid, EP Potting System, RT Curing
		Elan-tron PU 111 + PH 54	100:16	Filled ,Highly Flexible (Shore A -15) , Polyurethane Casting Resin system, RT Curing
		Shimocast 101 / Hardener IS 32	100:22	Filled, Flexible, PU Potting System,RT Curing
		Shipal 81 FR / Hardener IS 32	100:16	Filled, Fire Retardant, Halogen free ,RoHS Compliant, Flexible, PU Potting System, RT Curing
		Shipal 40 FR / Hardener IS 32	100:26	Filled , Fire Retardant, RoHS Compliant, Rigid ,PU Potting System, RT Curing
	Capacitor Coating	Shimokote E 39 A(...) / Hardener E 39 B / Diluent M	100:30:30	Thixotropic, Long Pot Life, Liquid Dip Coating EP System , Heat Curing
Electronic protection	Regulator / Rectifier	Shimokote 9 Black / Hardener 43	100:25	Filled, Rigid , EP Potting & Casting System,RT Curing
		Elan-tron MC 5506 + W 5506	100:16	Filled, Semi Rigid, Halogen free, Fire Retardant, EP System for Potting, RT Curing
		Dobeckot 5601 / Hardener 5601	100:12	Filled ,Fire Retardant, Halogen free, RoHS Compliant, Rigid, EP Potting System,RT Curing
		Shipal 30 B / Hardener IS 16	100 :25	Filled, Highly Flexible,PU Potting System for Stress free Potting,RT Curing
		Dobeckot 5503 / Hardener EH 408	100:25	Filled, Low viscosity, Rigid , EP Potting & Casting System,RT Curing
		Dobefil 60 Black /Hardener EH 408	100:25	Filled, Rigid, EP Potting & Casting System,RT Curing
	CDI Coil	Elan-tron MC 5603 + WH 5603	100:25	Filled, Highly Flexible, Fire Retardant, Epoxy Resin System for Potting ,Heat Curing
		Elan-tron MC 5506 + W 5506	100:16	Filled, Semi Rigid, Halogen free, Fire Retardant, EP System for Potting, RT Curing
		Shimokote 11 Black / Hardener 43	100:20	Filled, Highly Flexible, EP Potting System,RT Curing
		Shimokote 9 Black / Hardener 43	100:25	Filled, Rigid , EP Potting & Casting System,RT Curing

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	Flasher	Shimokote 9 Black / Hardener 43	100:25	Filled, Rigid , EP Potting & Casting System,RT Curing
		Dobeckot 5503 / Hardener EH 408	100:25	Filled, Low Viscosity, Rigid , EP Potting & Casting System,RT Curing
		Dobeckot 5601 + Hardener 5601	100:12	Filled ,Fire Retardant, Halogen free, RoHS Compliant, Rigid ,EP Potting System,RT Curing
		Dobefil 60 Black + Hardener EH 408	100:25	Filled, Rigid, EP Potting & Casting System,RT Curing
		Elan-tron MC 5506 + Elan-tron W 5506	100 ;16	Filled, Fire retardant, Halogen Free, RoHS Compliant, Epoxy Resin System for Potting, RT Curing
	Pick Up Coil	Elan-tron MC 5509 + W 5509	100:25	Filled, Rigid , EP Potting & Casting System,RT Curing
		Dobeckot 5601 / Hardener 5601	100:12	Filled ,Fire Retardant, Halogen Free, RoHS Compliant, Rigid EP Potting System,RT Curing
		Dobeckot 5503 / Hardener EH 408	100:25	Filled, Low viscosity, Rigid , EP Potting & Casting System,RT Curing
		Dobefil 60 Black / Hardener EH 408	100:25	Filled, Rigid, EP Potting & Casting System,RT Curing
	Sensor & Actuators	Shimorez 402 M / Hardener 43	100:40	Unfilled, Semi Rigid, Clear EP System for Stress Free Potting,RT Curing
		Shipal 30 B / Hardener IS 16	100:25	Filled, Highly Flexible, PU System for Stress Free Potting ,RT Curing
		Elan-tron PU 54 + PH 54	100:16	Filled, Fire Retardant, RoHS Compliant, RT curing, Polyurethane Resin System for Potting & Casting
	Safety Devices - Central Lock System	Shimokote 10 / Hardener 43	100:18	Filled, Flexible, EP System for Stress Free Potting ,RT Curing
		Elan-tron PU 54 + PH 54	100:16	Filled, Fire Retardant, RoHS Compliant, RT curing, Polyurethane Resin System for Potting & Casting
		Shipal 30 B / Hardener IS 16	100:25	Filled, Highly Flexible, PU System for Stress Free Potting ,RT Curing
		Shipal 40 FR / Hardener IS 32	100:26	Filled, Fire Retardant, Halogen free, RoHS Compliant, Rigid, PU Potting System, RT Curing

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Other Assemblies	Relays	Shimocast 101 / Hardener IS 32	100:22	Filled, Flexible, PU Potting System,RT Curing	
		Shimokote 9 Black / Hardener 43	100:25	Filled, Rigid , EP Potting & Casting System,RT Curing	
		Shipal 81 FR / Hardener IS 32	100:16	Filled ,Flexible, Fire retardant, Halogen free ,RoHS Compliant, PU Potting System,RT Curing	
		Shipal 40 FR / Hardener IS 32	100:26	Filled , Fire Retardant, Halogen free ,RoHS Compliant, Rigid ,PU Potting System,RT Curing	
		Elan-tron MC 5506 + W 5506	100:16	Filled, Semi Rigid, Halogen free, Fire Retardant, EP System for Potting, RT Curing	
	Cable Joints	Shimocast 101 / Hardener IS 32	100:22	Filled, Low Viscosity, Flexible, PU Cable Jointing System, RT Curing	
		Shipal 40 / Hardener IS 32	100:30	Filled, Rigid, Good Chemical Resistance, PU Cable Jointing System, RT Curing	
		Shimocast 101 M2 / Hardener IS 32	100 :16	Filled, Medium Viscosity, Flexible ,PU Cable Jointing System, RT Curing	
	Battery Sealing	Shimorez SV 400 / Hardener 61	100 :08	Filled , Acid Resistant, EP System for Battery Terminal Sealing	
		Shimorez 400 / Hardener 61	100:12	Unfilled , Acid Resistant, EP System for Battery lid & Terminal Sealing	
		Elan-tron MC 19 / W 519	100:14	Filled, Acid Resistant, RoHS Compliant, Good Adhesion & Electrical Properties for lid & Terminal Sealing.	
	Ignition coil	Ignition Coil	Dobefil 60 / Hardener 7055/Acc.803 M	100:50:0.5	Filled, Off White Colored, EP Resin System, Heat Curing
			Shimorez 400 / Elan-tron WH 95 / Acc.01 / Filler	100:100:01: 200-250	Unfilled, Clear, EP Resin System, Heat Curing
		Ignition Coil – High Tg	Dobeckot 5401 / Hardener 7055 / Acc.803 M	100:60:1	Filled, High Tg, Black Colored, EP Resin System, Heat Curing.
Elan-tron MC 5701 / WH 7056			100:30	Filled, Fire Retardant, Halogen free , Very High Tg, EP Resin System, Heat Curing	

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Inductive Components	PCB- Protection	Shimocast 101 / Hardener IS 32	100:22	Filled, Flexible, PU Casting & Potting System, RT Curing.
		Elan-tron MC 4236 + W 4236	100:8	Filled, Self-extinguishing, RoHS Compliant, Thermal Class H (180°C). High Thermal Conductivity. Epoxy Resin System. The system is UL 94 V0 and listed (File E143115 and E116643).
		Elan-tron MC 5506 + W 5506	100:16	Filled, Semi Rigid, Halogen free, Fire Retardant, EP System for Potting, RT Curing
		Elan-tron PU 54 + PH 54	100:16	Filled, Fire Retardant, RoHS Compliant, RT curing, Polyurethane Resin System for Potting & Casting
		Shipal 30 B / Hardener IS 16	100 :25	Filled, Highly Flexible, PU Potting System, RT Curing.
	LV- Transformers	Dobefil 60 / Hardener EH 408	100 :25	Filled, Rigid, EP System, RT Curing
		Elan-tron MC 4236 + W 4236	100:8	Filled, Self-extinguishing, RoHS Compliant, Thermal Class H (180°C). High Thermal Conductivity. Epoxy Resin System. The system is UL 94 V0 and listed (File E143115 and E116643).
		Dobeckot 5601 / Hardener 5601	100:12	Filled ,Fire Retardant, Halogen free, RoHS Compliant, Rigid EP Potting System, RT Curing
		Shipal 40 / Hardener IS 32	100:30	Filled, Rigid, PU Potting & Casting System,RT Curing
		Shipal 40 FR / Hardener IS 32	100:26	Filled , Fire Retardant, Halogen free,RoHS Compliant, Rigid ,PU Potting System,RT Curing
	Electromagnetic Devices / Switches	Dobefil 60 /Hardener EH 408	100:25	Filled, Rigid, EP Potting & Casting System,RT Curing
		Shimokote 9 Black / Hardener 43	100:25	Filled, Rigid , EP Potting & Casting System,RT Curing
		Elan-tron MC 5506 + W 5506	100 : 16	Filled, Semi Rigid, Halogen free, Fire Retardant, EP System for Potting, RT Curing
		Shipal 40 / Hardener IS 32	100:30	Filled, Rigid, PU Potting & Casting System,RT Curing
		Shipal 40 FR / Hardener IS 32	100:26	Filled , Fire Retardant, Halogen free, Rigid, RoHS Compliant,PU Potting System,RT Curing
	Lift magnets	Shimokote 10 / Hardener 43	100:18	Filled, Semi Flexible, EP Potting System,RT Curing
		Elan-tron MC 5506 + W 5506	100 :16	Filled , Fire Retardant, Halogen free, RoHS Compliant, Rigid ,PU Potting System, RT Curing

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Heavy - Electric	Dry Type - Resin Cast Transformers	Shimorez 400 / Elan-tron WH 95/ Shimoplast 08 / Acc.01 / Filler	100:100:10:0 1 : 350-410	Unfilled, EP Resin System for Casting, Heat Curing.	
		Dobeckot 520 F / Hard.7055 / Flexibilizer EP 09 /Acc.803 M / Filler	100:100:10:0 1: 350-410	Unfilled, EP Resin System for Casting, Heat Curing.	
	Instrument Transformers	Shimorez 400 / Elan-tron WH 95/ Shimoplast 08 / Acc.01+Filler	100:100:10:1: 350-410	Unfilled, EP Resin System for Casting, Heat Curing.	
		Dobeckot 520 F / Hard.7055 / Flexibilizer EP 09 /Acc.803 M + Filler	100:100:10:0 1:350-410	Unfilled, EP Resin System for Casting, Heat Curing.	
	HV –Insulators / Bushings /Bus Bar Supports / Switchgear	Shimorez 400 / Elan-tron WH 95/ Shimoplast 08 / Acc.01+Filler	100:100:10:0 1 : 350-410	Unfilled, EP Resin System for Casting, Heat Curing.	
		Dobeckot 520 F / Hard.7055 / Flexibilizer EP 09 /Acc.803 M + Filler	100:100:10:0 1:350-410	Unfilled, EP Resin System for Casting, Heat Curing.	
	Air Core Reactor	Shimorez 400 / Hardener 61	100 :12	Unfilled, very high Tg, EP Resin System for Impregnation & Coating , RT curing	
		Dobeckot 520 F / Hardener 758	100 :12	Unfilled, Very High Tg, EP Resin System for Impregnation & Coating , RT Curing	
	Small coils & motors	Solenoid Valves	Elan-tron MC 5506 + W 5506	100:16	Filled, Semi Rigid, Halogen free, Fire Retardant, EP System for Potting, RT Curing
			Dobeckot 5601 / Hardener 5601	100:12	Filled, Fire Retardant, Halogen free, RoHS Compliant, Rigid, EP System, RT curing
Dobeckot 5503 / Hardener EH 408			100:25	Filled, Rigid EP Potting & Casting System, RT Curing	
Shimorez 402 M / Hardener 43			100 :40	Unfilled, Semi rigid, Clear EP System, RT Curing	
Submersible Pump		Dobeckot 5503 / Hardener EH 408	100:25	Filled, Rigid EP Potting & Casting System, RT Curing	
		Dobeckot 5601 / Hardener 5601	100:12	Filled, Fire Retardant, Halogen free ,RoHS Compliant, Rigid, EP System, RT Curing	
		Shimokote 9 Black / Hardener 43	100:25	Filled, Rigid , EP Potting & Casting System, RT Curing	