Chetak Manufacturing Co.
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SOLVENTLESS IMPREGNATING RESINS (single & two component systems)

cenvar PRODUCT GUIDE

Product	Hardener Mixing Ratio	Insulation Class	Characteristics	Application Method	Suitable Thinner	Product Variants Available
IMPREGNATING RESINS (Unsaturated Polyester / Polyesterimide) **Single Component**						
cenvarSLR F30-S	NA	155 (F)	fast curing, wide curing range, rigid film, excellent insulating properties & excellent bond strength at elevated temperatures also	Dip, VPI	Diluent S	F30-S / LV- low viscosity
cenvarSLR H34-S	NA	180 (H)	semi rigid film, excellent electrical & thermal properties, excellent moisture resistance & high bond strength with retaining a degree of flexibility	Dip, VPI	Diluent S	H34-S / LV- low viscosity
cenvarSLR H37-S	NA	180 (H)	tough film, good storage stability, excellent insulating & thermal properties & high bond strength even at elevated temperatures	Dip, VPI	Diluent S	H37-S / LV- low viscosity
cenvarSLR H404-S	NA	180 (H)	tough film, good storage stability, excellent insulating, thermal & mechanical properties, high bond strength & mechanical properties even at elevated temperatures	Dip, VPI	Diluent S	H404-S / HV- high viscosity
cenvarSLR C35-S	NA	200 (N)	high flash point, excellent tank stability, excellent thermal capabilities, excellent electrical properties, good bond strength with retaining a degree of flexibility	Dip, VPI	Diluent HF	C35-S / LV- low viscosity
IMPREGNATING RESINS (Epoxy) **Single Component**						
cenvarSLR HE35-S	NA	180 (H)	low VOC, low odour, low viscosity, high penetration, tough film, Freon resistant, very good dielectrical properties, excellent mechanical properties, high bond strength, tough resilient cure, good Shore D hardness	Dip, VPI, Trickle	Diluent E	-
WATER BASED EPOXY RESINS Single Component *(contains co-solvents)*						
cenvarWB H101	NA	180 (H)	low odour, low hazard, single comp., low maintenance, good stability, low viscosity, high film built-up, high penetration, Freon resistant, high bond strength at elevated temp., excellent chemical resistance, alternative to solvented varnishes	Dip	TW101	-
WATER BASED EPOXY EMULSIONS Single Component						
cenvarWB H105	NA	180 (H)	0% VOC, environment friendly, no emissions, low hazard, single comp., low viscosity, high penetration, Freon resistant, high bond strength, excellent chemical resistance, alternative to solvented varnishes	Dip	Distilled Water	-
TRICKLE IMPREGNATING RESINS (Unsaturated Polyester / Polyesterimide) **Single Component**						
cenvarSLT F50-S	NA	155 (F)	rigid film, excellent insulating properties, excellent bond strength even at elevated temperatures, ideal for high speed rotating armatures	Trickle	Diluent S	F50-S / LV - low viscosity
cenvarSLT H54-S	NA	180 (H)	excellent insulating and thermal properties, high bond strength even at elevated temperatures	Trickle	Diluent S	H54-S / LV - low viscosity
cenvarSLR H404-S	NA	180 (H)	good storage stability, excellent insulating & mechanical properties, high bond strength even at elevated temperatures	Trickle	Diluent S	H404-S / HV- high viscosity

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solventless resins - two component systems

cenvar

Product	Hardener Mixing Ratio	Insulation Class	Characteristics	Application Method	Suitable Thinner	Product Variants Available
IMPREGNATING RESINS (Unsaturated Polyester / Polyesterimide) Two Component						
cenvarSLR F30	C4 100 : 1	155 (F)	fast curing, wide curing range, rigid film, excellent insulating properties & excellent bond strength at elevated temperatures also	Dip, VPI	Diluent S	F30 / LV - low viscosity
cenvarSLR H34	C4 100 : 1	180 (H)	semi rigid film, excellent electrical & thermal properties, excellent moisture resistance & high bond strength with retaining a degree of flexibility	Dip, VPI	Diluent S	H34 / LV - low viscosity
cenvarSLR H37	C4 100 : 1	180 (H)	tough film, good storage stability, excellent insulating & thermal properties & high bond strength even at elevated temperatures	Dip, VPI	Diluent S	H37 / LV - low viscosity
cenvarSLR C35	C4 100 : 1	200 (N)	high flash point, excellent tank stability even of catalyzed resin, excellent thermal capabilities, good bond strength with retaining a degree of flexibility	Dip, VPI	Diluent HF	C35 / LV - low viscosity
TRICKLE IMPREGNATING RESINS (Unsaturated Polyester / Polyesterimide) Two Component						
cenvarSLT F50	C10 100 : 1	155 (F)	rigid film, excellent insulating properties, excellent bond strength even at elevated temperatures, ideal for high speed rotating armatures	Trickle	Diluent S	F50 / LV - low viscosity
cenvarSLT H53	C10 100 : 1	180 (H)	excellent insulating properties & high bond strength along with good flexibility	Trickle	Diluent S	H53 / LV - low viscosity
cenvarSLT H54	C10 100 : 1	180 (H)	excellent insulating and thermal properties, high bond strength even at elevated temperatures	Trickle	Diluent S	H54 / LV - low viscosity
EPOXY GELCOAT COMPOUNDS Two Component						
cenvarEPS RED GelCoat	X9 100 : 10	-	room temperature curing, red, rigid & hard film, fast curing, low potlife, good HDT, medium to high viscosity, excellent moisture & chemical resistance	Brush	Diluent EP	RED GelCoat / LV GREY GelCoat - Grey

Also Available: **UL Recognised Products.**

For solvent based products refer to our Insulating Varnish catalogue.

Products can be made available in various viscosities to suit application.

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