

FUNCTIONAL INKS FOR THE PRINTED ELECTRONICS

Chimet technical offering
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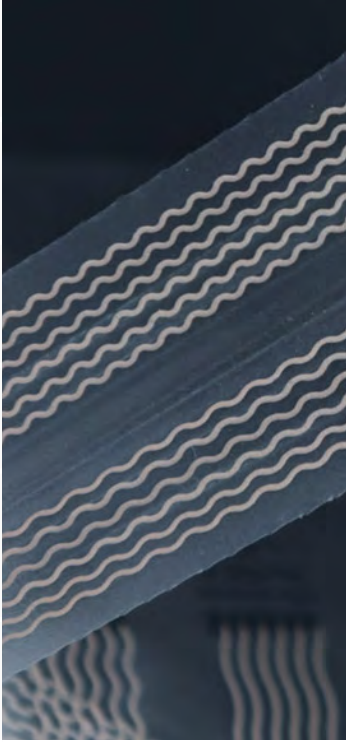


chimet[®]
REFINING AND FINE CHEMICALS


	MATERIAL CODE	FILLER	POLYMER	SUBSTRATE	FIELD OF USE	FEATURES	
FLEXIBLE ELECTRONICS	AG PASTE 515 EI	SILVER	Polyester	PET or KAPTON	Printed Electronics	High quality electrical conductive and flexible paste	
	C PASTE 800 EI	GRAPHITE	Polyester	PET or KAPTON	Printed Electronics	Low cost resistive and protective paste	
	D PASTE 100 EI	MAGNESIUM SILICATE	Acrylic	PET or KAPTON	Printed Electronics	Green dielectric protection and cross over, UV composition	
	D PASTE 150 EI	PROPRIETARY	Acrylic	PET or KAPTON	Printed Electronics	Semi-transparent dielectric protection for PEDOT, UV composition	
	D PASTE 151 EI	PROPRIETARY	Acrylic	PET or KAPTON	Printed Electronics	Transparent dielectric protection for PEDOT, UV composition	
	D PASTE 152 EI	-	Acrylic	PET	Printed Electronics, R&D	T curable transparent protective ink for PEDOT or silver	
	AG PASTE 300 EI	SILVER	Acrylic	PET, PP, PMMA	Printed Electronics, R&D	Electrically conductive ink, UV composition	
	AG PASTE 510 EI	SILVER	Proprietary	PET	Printed Electronics, R&D	High electrical conductive silver composition, <math> < 10\text{m}\Omega/\square/25\mu </math>	
	AG PASTE 570 EI	SILVER	Vinyl chloride	PET	Printed Electronics	Electrical conductive silver ink in polyvinyl chloride matrix	
	D PASTE 200 EI	-	Polyester	PET	Printed Electronics, R&D	T curable transparent ink for component encapsulation	
	D PASTE 202 EI	-	Acrylic	PET	Printed Electronics, R&D	UV curable transparent ink for component encapsulation	
	T.FORMABLE APPLICATIONS	AG PASTE 550 EI	SILVER	Polyurethane	PC or PET	In-Mold Electronics	
AG PASTE 555 EI		SILVER	Polyurethane	PC or PET	In-Mold Electronics	Good 3D forming silver material <math> < 15\text{m}\Omega/\square </math>	
AG PASTE X556 EI		SILVER	Polyurethane	PC or PET	In-Mold Electronics, R&D	Low resistance silver material compatible with thermoforming process $\le 10\text{m}\Omega/\square$	
C PASTE 850 EI		CARBON	Polyurethane	PC or PET	In-Mold Electronics	Resistive and protective black paste compatible with thermoforming processes	
D PASTE 250 EI		TITANIUM OXIDE	Polyurethane	PC or PET	In-Mold Electronics	White dielectric formable paste compatible with thermoforming processes	
D PASTE X255 EI		PROPRIETARY	Polyurethane	PC or PET	In-Mold Electronics, R&D	Transparent protective ink compatible with thermoforming processes	
D PASTE 260 EI		PROPRIETARY	Acrylic	PC or PET	In-Mold Electronics, R&D	Milky dielectric formable paste compatible with thermoforming processes (PASS 85°C/85%)	
AG PASTE 903 EI		SILVER	Epoxy	PC or PET	In-Mold Electronics	Adhesive for electronic component attach compatible with thermoforming processes	

MATERIAL CODE	FILLER	POLYMER	SUBSTRATE	FIELD OF USE	FEATURES
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STRETCHABLE COMPOSITIONS	AG PASTE 520 EI	SILVER	Polyurethane	TPU, X225	Soft Electronics	General purpose electrical stretchable conductor
	C PASTE 820 EI	CARBON, GRAPHITE	Polyurethane	TPU	Soft Electronics	Stretchable resistive and protective low cost paste
	C PASTE X825 EI	CARBON, GRAPHITE	Polyurethane	TPU, X225	Soft Electronics	Stretchable resistive composition fully compatible with X225
	D PASTE 220 EI	MAGNESIUM SILICATE	Polyurethane	TPU	Soft Electronics	Transparent protective ink
	D PASTE X225 EI	TITANIUM OXIDE	Polyurethane	TPU, PET	Soft Electronics	White stretchable composition acts as substrate for 520 or X825
	AG PASTE X922 EI	SILVER	Proprietary	TPU	Soft Electronics, R&D	Stretchable glue for die attach



EPOXY COMPOSITIONS	AG PASTE 900 EI	SILVER	Epoxy	Rigid substrate includes coated glasses	Printed Electronics	One component, printable, electrically conductive
	AG PASTE 902 EI	SILVER	Epoxy	PET or KAPTON	Printed Electronics	One component, dispensable, electrically conductive, medium high curing
	AG PASTE 910 EI	SILVER	Epoxy	PET or KAPTON	Printed Electronics	One component, dispensable, electrically conductive, medium low curing
	AG PASTE 670 EI	SILVER	Epoxy	PET or KAPTON	Printed Electronics	Electrically conductive adhesive, two components, wide curing conditions



THINNER LIST	MAIN APPLICATION
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0200IT	Dilution or solvent replace for the materials 900, 902 and 910
0204IT	General purpose thinner for dilution or solvent replace
0207IT	Thinner for the two components conductive glue Ag 670 EI
0208IT	Solvent to makes pad printable the screen printable materials
0209IT	Best thinner for T.formable materials



Chimet S.p.A

Via dei Laghi 31/33
52041 Badia al Pino (AR) Italy
Reg. Imprese Arezzo
C.F. e P.I.00155440514
R.E.A. 61012/AR

www.chimet.com