	СНАГ	RACTERISTIC	S		HANDLI	NG PROPE	RTIES	TYPICAL CURED PROPERTIES							
Product	Chemistry	Chemical Resistance	Low Viscosity	High Temp.	Mixed Viscosity (cP@25°C)	Mix Ratio by Weight	Cure Temp. Room/Heat	Temperature Range of Use	Specific Gravity	Hardness	Thermal Conductivity (W/m.K)	Dielectric Strength (V/mil)	Dielectric Constant at 1mHz	Features and Typical Applications	
THERMALLY	THERMALLY CONDUCTIVE														
One Component Systems															
2851FT	Ероху	Excellent		Х	100,000	N/A	Heat	-55 to +155°C	2.25	94D	1.44	N/A	5.2	Provide excellent heat dissipation and thermal	
906-1	Ероху	Excellent		Х	190,000	N/A	Heat	-40 to +180°C	2.30	90D	0.86	400	N/A	shock resistance as well as protection from mois- ture and chemical agents.	
Two Compon	ent Systems													Typical applications include	
1495/11	Ероху	Good		Х	14,000	100:5	Heat	-55 to +155°C	1.89	95D	1.25	400	4.1	sensors, which operate in harsh environments, transformers, transducers,	
2850FT/11	Ероху	Excellent		Х	64,000	100:4.5	Heat	-55 to +155°C	2.29	96D	1.28	380	5.4	switches, and other small devices.	
4954/25	Silicone	Poor		Х	40,000	100:0.4	RT/HT	-65 to +260°C	2.30	80A	1.30	520	5.0		

	СНА	RACTERIST	ICS			HANDL	ING PRO	PERTIES	TYPICAL CURED PROPERTIES							
Product	Chemistry	Thermally Conductive	Chemical Resistance	Low Viscosity	High Temp.	Mixed Viscosity (cP@25°C)	Mix Ratio by Weight	Cure Temp. Room/Heat	Temperature Range of Use	Specific Gravity	Hardness			Dielectric Constant at 1mHz	Features and Typical Applications	
GENERAL PU	GENERAL PURPOSE															
One Compone	One Component Systems															
A-312	Ероху		Excellent	Х		3,000	N/A	Heat	-40 to +130°C	1.14	86D	N/A	N/A	N/A	Those general nurness	
E-151-8	Ероху		Good	Х		1,100	N/A	Heat	-40 to +130°C	1.05	55D	N/A	325	3.4(3)	These general purpose encapsulants were	
Two Compone	ent Systems														designed to offer a wide range of features includ-	
1090/11	Ероху		Good		Х	29,000	100:10.5	Heat	-55 to +155°C	0.80	82D	0.19	375	2.7	ing thermal conductivity,	
2057/9	Ероху		Good	Х		4,000	100:6.5	RT/HT	-40 to +130°C	1.54	85D	N/A	400	4.2	mechanical shock and impact resistance, as	
2651-40/23LV	Ероху	Х	Good	Х		2,200	100:18	RT/HT	-65 to +105°C	1.40	85D	0.55	450	3.8	well as thermal shock protection.	
2651MM/11	Ероху	Х	Good		Х	13,000	100:8.5	Heat	-55 to +155°C	1.59	89D	0.60	450	3.7	protection.	
E-1400 A/B	Ероху	Х	Good			15,000	100:100	RT/HT	-65 to +105°C	1.68	75D	0.74	400	4.0		

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(1) Dielectric constant measured at 60Hz (2) Dielectric constant measured at 1kHz (3) Dielectric constant measured at 100Hz

EASY MIX RATIO

CHARACTERISTICS						HANDL	ING PROF	PERTIES	TYPICAL CURED PROPERTIES							
Product	Chemistry	Thermally Conductive	Chemical Resistance	Low Viscosity	High Temp.	Mixed Viscosity (cP@25°C)	Mix Ratio by Weight	Cure Temp. Room/Heat	Temperature Range of Use	Specific Gravity	Hardness	Thermal Conductivity (W/m.K)		Dielectric Constant at 1mHz	Features and Typical Applications	
EASY MIX RA	TIO															
1265 A/B	Ероху		Good	Χ		600	100:100	Heat	-40 to +65°C	1.08	25A	N/A	N/A	3.0		
1269A A/B	Ероху		Good	Χ	Χ	5,000	100:100	Heat	-40 to +130°C	1.20	85D	0.27	430	3.8		
1497 A/B	Ероху	Х	Good		Χ	150,000	100:100	Heat	-65 to +155°C	1.70	80D	0.68	425	3.6	Primarily designed for	
2072 A/B	Ероху		Good	Χ	Χ	8,000	100:50	RT/HT	-40 to +130°C	1.60	89D	0.42	400	4.2	ease of use in either meter mix or manual	
2741LV/15LV	Ероху		Good			30,000	400:100	RT/HT	-40 to +90°C	1.43	80D	N/A	400	3.3	dispense operations.	
2760 A/B	Epoxy/ Polyurethane	X	Good			18,000	100:50	RT/HT	-40 to +130°C	1.55	80D	0.60	450	4.0	These products also offer a wide range of features including heat dissipation,	
3180M A/B	Ероху		Good			15,000	100:100	RT/HT	-40 to +130°C	1.62	80D	0.40	430	4.0	thermal and mechanical shock, as well as thermal	
5952 A/B	Silicon	Х	Poor		Χ	40,000	100:100	RT/HT	-65 to +260°C	2.05	75A	0.85	450	5.0	conductivity.	
E-1410 A/B	Ероху	X	Good		Χ	35,000	100:100	Heat	-40 to +175°C	1.80	94D	0.57	N/A	4.0(3)		
S 5225 A/B	Silicone		Poor	Х	Χ	2,420	100:100	RT/HT	-60 to +220°C	1.59	53A	N/A	450	3.0		
GENERAL PU	RPOSE															
One Compone	ent Systems															
A-312	Ероху		Excellent	Х		3,000	N/A	Heat	-40 to +130°C	1.14	86D	N/A	N/A	N/A	Th	
E-151-8	Ероху		Good	Х		1,100	N/A	Heat	-40 to +130°C	1.05	55D	N/A	325	3.4(3)	These general purpose encapsulants were	
Two Compone	ent Systems	I					ı				1		1	I	designed to offer a wide range of features includ-	
1090/11	Ероху		Good		Χ	29,000	100:10.5	Heat	-55 to +155°C	0.80	82D	0.19	375	2.7	ing thermal conductivity,	
2057/9	Ероху		Good	Х		4,000	100:6.5	RT/HT	-40 to +130°C	1.54	85D	N/A	400	4.2	mechanical shock and impact resistance, as	
2651-40/23LV	Ероху	Х	Good	Х		2,200	100:18	RT/HT	-65 to +105°C	1.40	85D	0.55	450	3.8	well as thermal shock protection.	
2651MM/11	Ероху	Х	Good		Χ	13,000	100:8.5	Heat	-55 to +155°C	1.59	89D	0.60	450	3.7	protection.	
E-1400 A/B	Ероху	Х	Good			15,000	100:100	RT/HT	-65 to +105°C	1.68	75D	0.74	400	4.0		

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(1) Dielectric constant measured at 60Hz (2) Dielectric constant measured at 1kHz (3) Dielectric constant measured at 100Hz



FLAME RETARDANT

	СНА	RACTERIST	TCS			HANDL	ING PROF	PERTIES	TYPICAL CURED PROPERTIES							
Product	Chemistry	Thermally Conductive	Chemical Resistance	Low Viscosity	High Temp.	Mixed Viscosity (cP@25°C)	Mix Ratio by Weight	Cure Temp. Room/Heat	Temperature Range of Use	Specific Gravity	Hardness	Thermal Conductivity (W/m.K)		Dielectric Constant at 1mHz	Features and Typical Applications	
FLAME RETARI	DANT		•													
One Componer	ne Component Systems														D 11 G 11	
G-508-1	Ероху	X	Good		Х	20,000	N/A	Heat	-20 to +180°C	1.55	85D	0.60	N/A	N/A	Provide flame resistance down to 1/8 of an inch.	
E-1320FR	Ероху		Good			23,600	N/A	Heat	-40 to +130°C	1.59	80D	N/A	N/A	N/A	These products also offer various other features	
Two Componer	nt Systems														such as thermal shock	
2057FR/11	Ероху		Good	Х	Х	3,400	100:8	Heat	-55 to +155°C	1.58	85D	0.40	425	4.4	protection, low viscosity, and thermal conductivity.	
2651-40FR/9	Ероху	X	Good	X		8,000	100:9	RT/HT	-40 to +130°C	1.49	87D	0.55	450	3.8	Typical applications include a wide range of	
2850FT-FR/11	Ероху	X	Excellent		Х	65,000	100:4	RT/HT	-55 to +155°C	2.33	94D	1.23	490	6.0	electrical components	
E-1420FR A/B	Ероху		Good	Х		5,000	100:100	RT/HT	-40 to +130°C	1.27	65D	N/A	N/A	2.7	such as capacitors and transformers.	
XT-5038-9 A/B	' '		Good	Х		1,600	100:11	RT/HT	-40 to +130°C	1.48	85D	N/A	N/A	4.0		
GENERAL PUR	RPOSE															
One Compone	nt Systems			ı				ı								
A-312	Ероху		Excellent	Х		3,000	N/A	Heat	-40 to +130°C	1.14	86D	N/A	N/A	N/A	These general purpose	
E-151-8	Ероху		Good	Х		1,100	N/A	Heat	-40 to +130°C	1.05	55D	N/A	325	3.4(3)	encapsulants were designed to offer a	
Two Compone	nt Systems			ı				ı			1			I	wide range of features	
1090/11	Ероху		Good		Х	29,000	100:10.5	Heat	-55 to +155°C	0.80	82D	0.19	375	2.7	including thermal con- ductivity, mechanical	
2057/9	Ероху		Good	Х		4,000	100:6.5	RT/HT	-40 to +130°C	1.54	85D	N/A	400	4.2	shock and impact resist- ance, as well as thermal	
2651-40/23LV	Ероху	X	Good	Х		2,200	100:18	RT/HT	-65 to +105°C	1.40	85D	0.55	450	3.8	shock protection.	
2651MM/11	Ероху	X	Good		Х	13,000	100:8.5	Heat	-55 to +155°C	1.59	89D	0.60	450	3.7		
E-1400 A/B	Ероху	Х	Good			15,000	100:100	RT/HT	-65 to +105°C	1.68	75D	0.74	400	4.0		

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FLEXIBLE / LOW STRESS

CHARACTERISTICS						HANDL	ING PROF	PERTIES	TYPICAL CURED PROPERTIES							
Product	Chemistry	Thermally Conductive	Chemical Resistance	Low Viscosity	High Temp.	Mixed Viscosity (cP@25°C)	Mix Ratio by Weight	Cure Temp. Room/Heat	Temperature Range of Use	Specific Gravity	Hardness	Thermal Conductivity (W/m.K)		Dielectric Constant at 1mHz	Features and Typical Applications	
FLEXIBLE																
One Compone	e Component Systems															
E-151-8	Ероху		Good	X		1,100	N/A	Heat	-40 to +130°C	1.05	55D	N/A	325	3.4(2)		
Two Compone	ent Systems		ı	ı		1		1			1	ı	1	1	Protection of stress	
1365-25 A/B	Ероху		Good	Х		150	100:100	RT/HT	-55 to +90°C	1.01	25A	N/A	N/A	4.0(1)	sensitive components	
1365-65 A/B	Ероху		Good	Х		345	100:100	RT/HT	-55 to +90°C	1.03	65A	N/A	N/A	4.0(1)	where shock and impact resistance are required.	
2741/15	Ероху		Good			36,000	100:150	RT/HT	-55 to +65°C	1.15	60A	0.35	350	3.3	Typical applications include transformers,	
2754 A/B	Ероху	Х	Good			24,000	100:40	RT/HT	-65 to +10°C	1.53	80A	0.63	450	4.9	motors, coils and other	
S 5225 A/B	Silicone		Poor	Х	Χ	2,420	100:100	RT/HT	-60 to +220°C	1.59	53A	N/A	450	3.0	electrical devices.	
TU-906 A/B	Polyurethane	!	Good	X		3,100	100:400	RT/HT	-40 to +13°C	1.00	50A	N/A	N/A	N/A		
XT-1122 A/B	Ероху		Good	Х	Х	1,000	100:66.7	Heat	-55 to +155°C	1.05	45D	0.29	360	3.2(2)		
LOW STRESS																
Two Compone	ent Systems														Designed for the encapsulation of a wide range of stress	
2754 A/B	Ероху	X	Good			24,000	100:40	RT/HT	-65 to +105°C	1.53	80A	0.63	450	4.9	sensitive electronics. Provides excellent performance at low	
E-1000 A/B	Ероху		Good	Х		1,500	100:120	Heat	-40 to +65°C	1.05	30A	N/A	300	4.9(3)	temperatures and protection	
E-1030 A/B	Ероху	Х	Good			12,000	100:14	Heat	-55 to +105°C	1.93	79A	0.58	375	5.8	from mechanical shock and vibration.	
GENERAL PU	RPOSE															
One Compon	ent Systems															
A-312	Ероху		Excellent	Х		3,000	N/A	Heat	-40 to +130°C	1.14	86D	N/A	N/A	N/A	These general purpose	
E-151-8	Ероху		Good	Х		1,100	N/A	Heat	-40 to +130°C	1.05	55D	N/A	325	3.4(3)	encapsulants were	
Two Compone	ent Systems						1						1	1	designed to offer a wide range of features including	
1090/11	Ероху		Good		Χ	29,000	100:10.5	Heat	-55 to +155°C	0.80	82D	0.19	375	2.7	thermal conductivity, mechanical shock and	
2057/9	Ероху		Good	Х		4,000	100:6.5	RT/HT	-40 to +130°C	1.54	85D	N/A	400	4.2	impact resistance, as	
2651-40/23LV	Ероху	X	Good	Х		2,200	100:18	RT/HT	-65 to +105°C	1.40	85D	0.55	450	3.8	well as thermal shock protection.	
2651MM/11	Ероху	X	Good		Х	13,000	100:8.5	Heat	-55 to +155°C	1.59	89D	0.60	450	3.7	F. 1.000.0	
E-1400 A/B	Ероху	X	Good			15,000	100:100	RT/HT	-65 to +105°C	1.68	75D	0.74	400	4.0		

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(1) Dielectric constant measured at 60Hz (2) Dielectric constant measured at 1kHz (3) Dielectric constant measured at 100Hz



	HANDL	ING PRO	PERTIES	TYPICAL CURED PROPERTIES										
Product	Chemistry	Thermally Conductive	Chemical Resistance	Low Viscosity	Mixed Viscosity (cP@25°C)	Mix Ratio by Weight	Cure Temp. Room/Heat	Temperature Range of Use	Specific Gravity	Hardness	Thermal Conductivity (W/m.K)	Dielectric Strength (V/mil)	Dielectric Constant at 1mHz	Features and Typical Applications
HIGH SERVICE TEMPERATURE														
One Compone	One Component Systems													
2651-1	Ероху	Х	Good		52,000	N/A	Heat	-40 to +155°C	1.60	88D	0.58	440	3.7	
906-1	Ероху	Х	Good		190,000	N/A	Heat	-40 to +180°C	2.30	90D	0.86	400	N/A	A1 1111
926-82-1	Ероху		Excellent		130,000	N/A	Heat	-40 to +180°C	1.53	85D	N/A	350	N/A	Ability to withstand high temperatures, thermal shock,
933-48	Ероху		Excellent		150,000	N/A	Heat.	-40 to +180°C	1.45	85D	N/A	350	N/A	and chemical exposure. These products are designed for heat
Two Compon	ent Systems													generating electronic devices
2762/17M-1	Ероху	Х	Excellent		50,000	100:10	Heat	-20 to +230°C	2.26	96D	1.37	400	3.3	which operate in harsh environ- ments. Typical applications
4952/25	Silicone	Х	Poor		35,000	100:0.4	RT/HT	-65 to +260°C	2.20	70A	1.00	550	5.2	include sensors, transformers, power supplies, and rectifiers.
5954 A/B	Silicone	Х	Poor		35,000	100:100	RT/HT	-65 to +260°C	2.45	85A	1.15	450	5.0	power supplies, and rectifiers.
W-66/17M-1	Ероху		Excellent		15,000	100:40	Heat	-20 to +220°C	1.23	85D	N/A	510	4.4(3)	
XT-1169 A/B	Ероху		Good	Х	7,300	100:80	Heat	-40 to +155°C	1.44	80D	0.40	420	3.6(3)	

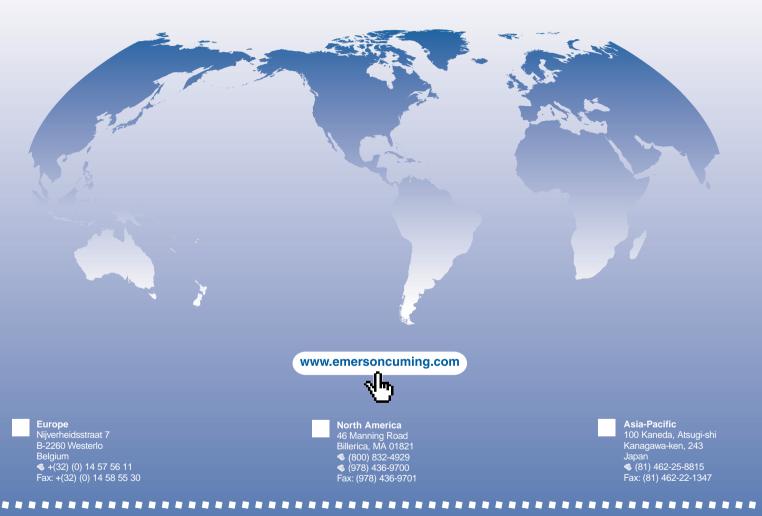
	CHARACTERISTICS							PERTIES	TYPICAL CURED PROPERTIES							
Product	Chemistry	Thermally Conductive	Chemical Resistance	Low Viscosity	High Temp.	Mixed Viscosity (cP@25°C)	Mix Ratio by Weight	Cure Temp. Room/Heat	Temp. Range of Use	Specific Gravity	Hardness	Thermal Conductivity (W/m.K)		Dielectric Constant at 1mHz	Features and Typical Applications	
GENERAL PU	GENERAL PURPOSE															
One Compone	One Component Systems															
A-312	Ероху		Excellent	X		3,000	N/A	Heat	-40 to +130°C	1.14	86D	N/A	N/A	N/A	These general purpose	
E-151-8	Ероху		Good	X		1,100	N/A	Heat	-40 to +130°C	1.05	55D	N/A	325	3.4(3)	encapsulants were	
Two Compone	nt Systems														designed to offer a wide range of features	
1090/11	Ероху		Good		Х	29,000	100:10.5	Heat	-55 to +155°C	0.80	82D	0.19	375	2.7	including thermal conduc- tivity, mechanical shock	
2057/9	Ероху		Good	X		4,000	100:6.5	RT/HT	-40 to +130°C	1.54	85D	N/A	400	4.2	and impact resistance,	
2651-40/23LV	Ероху	Χ	Good	X		2,200	100:18	RT/HT	-65 to +105°C	1.40	85D	0.55	450	3.8	as well as thermal shock protection.	
2651MM/11	Ероху	Χ	Good		Х	13,000	100:8.5	Heat	-55 to +155°C	1.59	89D	0.60	450	3.7	protostion	
E-1400 A/B	Ероху	Х	Good			15,000	100:100	RT/HT	-65 to +105°C	1.68	75D	0.74	400	4.0		

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(1) Dielectric constant measured at 60Hz (2) Dielectric constant measured at 1kHz (3) Dielectric constant measured at 100Hz







The information given and the recommendations made herein are based on our research and are believed to be accurate but no guarantee of their accuracy is made. In every case we urge and recommend that purchasers before using any product in full scale production make their own satisfaction whether the product is of acceptable quality and is suitable for their particular purposes under their own operating conditions. No representative of ours has any authority to waive or change the foregoing provisions but, subject to such provisions, our engineers are available to assist purchasers in adapting our products to their needs and to the circumstances prevailing in their business. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without the authority from the owner of this patent. We also expect purchasers to use our products in accordance with the guiding principles of the Chemical Manufacturers Association's Responsible Care® program.

