CARBOXYLATED POLYESTER RESIN FOR HYBRID SYSTEMS

ITEM NO.	ACID VALUE (mg KOH/g)	GARDNER COLOUR (maximum)	VISCOSITY (ICI cone and plate) (poises at 165°C)	Tg(°C) (approximate)	CURING CONDITION (OBJECT TEMP.)	RATIO RESIN／EPOXY	SPECIAL FEATURE
EL-2860	20 - 25	3	250 - 350	58	10min / 180°C	80 / 20	low Epoxy requirement with good flow out.
EL-3310	70 - 85	3	100 - 250	60	10min / 180°C	50 / 50	general purpose for 50/50 system of good mechanical resistance and flexibility.
EL-3320	70 - 85	3	100 - 250	60	10min / 160°C	50 / 50	
EL-3650N	48 - 55	3	100 - 200	61	10min / 200°C	60 / 40	good flow out for thin film.
TB-365N	48 - 55	3	100 - 200	61	10min / 200°C	60 / 40	formulated for Tribo system.
EL-5350	70 - 85	3	50 - 200	63	10min / 200°C	50 / 50	outstanding flow out.
EL-5360	70 - 85	3	50 - 200	63	10min / 180°C	50 / 50	
EL-5500	48 - 55	3	50 - 200	57	10min / 200°C	60 / 40	general purpose for 60/40 system.
EL-5510	48 - 55	3	50 - 200	57	10min /180°C	60 / 40	
TB-550	48 - 55	3	50 - 200	57	10min / 200°C	60 / 40	formulated for Tribo system.
EL-5500K	48 - 55	3	50 - 200	58	11min / 200°C	60 / 40	excellent flow out.
EL-5700	28 - 36	3	100 - 250	59	10min / 200°C	70 / 30	high storage stability good for texture coatings.
EL-5710	28 - 36	3	100 - 250	59	10min / 180°C	70 / 30	
TB-570	28 - 36	3	100 - 250	59	10min / 200°C	70 / 30	formulated for Tribo system.

CARBOXYLATED POLYESTER RESIN FOR HYBRID SYSTEMS

ITEM NO.	ACID VALUE (mg KOH/g)	GARDNER COLOUR (maximum)	VISCOSITY (ICI cone and plate) (poises at 165°C)	Tg(°C) (approximate)	CURING CONDITION (OBJECT TEMP.)	RATIO RESIN／EPOXY	SPECIAL FEATURE
TB-571	28 - 36	3	100 - 250	59	10min / 180°C	70 / 30	formulated for Tribo system.
EL-5810N	30 - 38	3	300 - 400	64	10min / 180°C	70 / 30	general purpose for 70/30 system.
EL-9100	28 - 36	3	120 - 270	57	10min / 200°C	70 / 30	general purpose for 70/30 system and good flow out.
EL-9210	28 - 36	3	120 - 270	55	10min / 180°C	70 / 30	general purpose for 70/30 system and good flow out.

CARBOXYLATED POLYESTER RESIN FOR TGIC SYSTEMS

ITEM NO.	ACID VALUE (mg KOH/g)	GARDNER COLOUR (maximum)	VISCOSITY (ICI cone and plate) (poises at 165°C)	Tg(°C) (approximate)	CURING CONDITION (OBJECT TEMP.)	RATIO RESIN／TGIC	SPECIAL FEATURE
EL-6100	48 - 55	2	50 - 200	60	10min / 200°C	90 / 10	a 50/50 dry blend with EL-6300 gives 45% gloss.
EL-6300	18 - 26	2	200 - 400	63	10min / 200°C	96 / 4	for semi-glossy systems and low TGIC requirement.
EL-6400	28 - 36	2	250 - 450	64	10min / 200°C	93 / 7	super weathering resistance.
EL-6500	28 - 36	2	150 - 350	62	10min / 200°C	93 / 7	general purpose for 93/7 system of balanced mechanical resistance and flow out; excellent storage stability.
EL-6510	28 - 36	2	150 - 350	62	10min / 180°C	93 / 7	
EL-6700	28 - 36	2	400 - 600	65	10min / 200°C	93 / 7	general purpose for 93/7 system and good exterior durability.
EL-6700A	28 - 36	2	500 - 600	65	10min / 200°C	93 / 7	enhanced heat resistance of EL-6700.
TB-670	28 - 36	2	400 - 600	65	10min / 200°C	93 / 7	formulated for Tribo system.
EL-6800	28 - 36	2	150 - 350	62	10min / 200°C	93 / 7	good flow out, film appearance, and high filler load capability.
EL-6810	28 - 36	2	150 - 350	60	10min / 180°C	93 / 7	
EL-7700	28 - 36	2	150 - 350	62	10min / 200°C	93 / 7	balanced mechanical resistance and flow out; good storage stability.
EL-7720	28 - 36	2	150 - 350	62	10min / 160°C	93 / 7	

CARBOXYLATED POLYESTER RESIN FOR PRIMID XL-552 SYSTEMS

ITEM NO.	ACID VALUE (mg KOH/g)	GARDNER COLOUR (maximum)	VISCOSITY (ICI cone and plate) (poises at 165°C)	Tg(°C) (approximate)	CURING CONDITION (OBJECT TEMP.)	RATIO RESIN／XL-552	SPECIAL FEATURE
EL-8100	70 - 80	3	100 - 200	65	5min / 200°C	90 / 10	a 50/50 dry blend with EL-8900 gives semi-glossy system.
EL-8250	25 - 30	3	100 - 200	55	5min / 200°C	95 / 5	outstanding flow out.
EL-8300	19 - 26	3	200 - 400	60	5min / 200°C	96.5 / 3.5	low Primid requirement.
EL-8400	28 - 36	3	250 - 450	64	5min / 200°C	95 / 5	super weathering resistance.
EL-8500	48 - 55	3	50 - 200	58	5min / 200°C	92.5 / 7.5	a 50/50 dry blend with EL-8300 gives semi-glossy system.
EL-8700	30 - 35	3	250 - 350	63	5min / 200°C	95 / 5	good flow out.
EL-8800	28 - 36	3	150 - 350	62	5min / 200°C	95 / 5	excellent storage stability, general purpose for Primid system.
EL-8900	22 - 30	3	200 - 350	55	5min / 200°C	96 / 4	general purpose for Primid system.

HYDROXYLATED POLYESTER RESIN FOR PU SYSTEMS

ITEM NO.	OH VALUE (mg KOH/g)	GARDNER COLOUR (maximum)	VISCOSITY (ICI cone and plate) (poises at 165°C)	Tg(°C) (approximate)	CURING CONDITION (OBJECT TEMP.)	RATIO RESIN／BLOCKED IPDI	SPECIAL FEATURE
EL-1000	30 - 40	2	200 - 450	60	20min / 200°C	85 / 15	well balanced flow and mechanical property.
EL-1000H	35 - 45	2	200 - 450	65	20min / 200°C	83 / 17	suitable for both blocked IPDI and Powderlink 1174 for wrinkle system. (94/6, 20min./190°C)
EL-1100	20 - 35	2	350 - 550	63	20min / 200°C	88 / 12	low blocked IPDI requirement with good weathering resistance.