



SIRALES® - Resins for epoxy-polyester paints

HYBRID SYSTEMS

(SIRALES® resins for epoxy-polyester paints)

50/50

PRODUCT	ACID NUMBER (mg.KOH/gr)	VISCOSITY (mPa.S)	TG (°C)	DESCRIPTION
PE 8205	70-82	800-3000	58	For very high reactive powder coatings
PE 8210	68-78	1200-4000	56	For high reactive systems
PE 8212.T	70-80	3000-6000	63	For matt coatings with very good overbaking resistance
PE 8220.T	55-66	2300-4000	56	For medium reactive systems; flow enhanced
PE 8221*	58-68	2200-4000	58	For medium reactive systems; flow enhanced, overbaking electrodomestical appliances
PE 8222*	60-72	1800-3800	55	High reactive systems, electrodomestical appliances
PE 8223*	60-70	2400-4400	54	High reactive systems, good flow, electrodomestical appliances
PE 8231	65-75	2800-4800	58	For low reactive systems, unique flow
PE 8240	60-70	1800-4000	56	High reactive system, good fillers wettability
PE 8242	55-65	2000-4000	58	For medium reactive systems; good fillers wettability
PE 8375 (§)	70-80	800-2000	61	Medium/high reactivity, TMA FREE

* Tribo Version available

(§) Experimental Product

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PRODUCT	ACID NUMBER (mg.KOH/gr)	VISCOSITY (mPa.S)	TG (°C)	DESCRIPTION
PE 8224	55-66	2300-4000	58	For high reactive system; good overbaking
PE 8225	55-65	2000-4000	53	For high reactive system; good overbaking
PE 8243.T	45-55	3000-5000	55	For high reactivity combined with good mechanical and aesthetic properties.
PE 8253	45-55	1800-4000	52	Prepared with FDA approved raw materials §175.300
PE 8254	50-60	1800-4000	55	For high reactivity combined with good mechanical and aesthetic properties.
PE 8560	50-60	1000-3000	65	For medium reactivity with high filler loading
PE 8344.T (§)	46-54	1500-3500	57	Medium reactivity, TMA FREE

* Tribo Version available

(§) Experimental Product

PRODUCT	ACID NUMBER (mg.KOH/gr)	VISCOSITY (mPa.S)	TG (°C)	DESCRIPTION
PE 8423/FT*	30-38	4000-7000	53	With 2% of acrylic flow agent, high reactive systems
PE 8412.T	35-45	3500-6500	54	High reactive systems, good overbaking
PE 8417	32-40	4000-7000	53	Very high reactive systems, good flow
PE 8418.T	30-38	3000-6000	50	High reactive systems; very good flow
PE 8419*	32-40	3500-5500	55	High reactive systems; good flow and mechanical properties
PE 8420*	32-40	3500-5500	52	Medium reactivity, good flow, matt coating with B68
PE 8421*	32-40	3500-5500	54	High reactive systems; good flow and mechanical properties
PE 8422*	28-36	4500-7000	54	Very high reactive systems, good flow
PE 8425.T	30-38	3500-5500	54	High reactive systems; good flow and mechanical properties
PE 8429*	30-38	3000-6000	56	High reactive system, good fillers wettability
PE 8439.T	30-38	3000-6000	56	High reactive systems, for texture coatings
PE 8440	32-40	5000-9000	65	Medium reactivity, good storage stability of powders
PE 8470	32-40	3500-5500	55	Prepared with FDA approved raw materials §175.300

* Tribo Version available

HAA SYSTEMS

(SIRALES® resins for β -hydroxyalkylamide-cured paints)

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PRODUCT	ACID NUMBER (mg.KOH/gr)	VISCOSITY (mPa.S)	TG (°C)	DESCRIPTION
PE 7807*	30-38	4000-7000	61	Industrial, very high reactivity
PE 7809*	30-38	3000-5500	62	Industrial, high reactivity
PE 7810*	30-38	2750-4750	61	Industrial, very good flow
PE 7811*	30-38	3000-6000	60	Architectural for clear coatings
PE 7812	30-38	3000-6000	58	Industrial/architectural, high reactivity
PE 7813.T	30-38	2000-5000	58	Architectural/industrial, very good flow
PE 7814.T	30-38	3000-5000	65	Architectural/industrial, good flow and storage stability
PE 7816.T	30-38	2000-5000	58	Architectural, good flow and mechanical properties
PE 7817.T	30-38	2500-4500	55	Architectural plus, good flow and mechanical properties
PE 7821.T	30-38	5000-8000	64	Architectural, good storage stability
PE 7827.T	30-38	1500-3500	54	Architectural plus, very good flow
PE 7860	30-38	1500-3500	55	Architectural/industrial, good degassing properties
PE 7870.T	30-38	2500-4500	59	Industrial/architectural, low reactivity resin for structural coatings

* Tribo Version available

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PRODUCT	ACID NUMBER (mg.KOH/gr)	VISCOSITY (mPa.S)	TG (°C)	DESCRIPTION
PE 7111.T	16-24	4500-7500	58	Architectural, good flow and mechanical properties
PE 7112.T	20-28	4500-7500	55	Industrial/architectural very good flow
PE 7113.T	20-28	4500-7500	58	High Tg version of PE 7112.T

* Tribo Version available

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PRODUCT	ACID NUMBER (mg.KOH/gr)	VISCOSITY (mPa.S)	TG (°C)	DESCRIPTION
PE 7204.T	18-24	4500-7000	60	Architectural/industrial good flow and mechanical properties

Low gloss systems (dry-blend technique)

PRODUCT	ACID NUMBER (mg.KOH/gr)	VISCOSITY (mPa.S)	TG (°C)	DESCRIPTION
PE 7201.T	16-24	3500-6500	55	Industrial/architectural for dry blend matt coatings
PE 7203.T	14-20	4000-7000	52	Industrial/architectural for dry blend matt coatings
PE 7202.T	17-23	5500-8500	55	Architectural for dry blend matt coatings
PE 7220.T	46-54	3000-6000	63	Architectural for dry blend matt coatings
PE 7260.T	55-65	1500-3500	58	Industrial/architectural for dry blend matt coatings
PE 7270.T	70-80	500-3000	55	Industrial/architectural for dry blend matt coatings

(§) Experimental Resin

Superdurable systems

PRODUCT	ACID NUMBER (mg.KOH/gr)	VISCOSITY (mPa.S)	TG (°C)	DESCRIPTION
PE 7290	46-54	1500-3000	55	Superdurable resin for 97:3 with HAA
PE 7499	28-36	3000-6000	64	Superdurable resin for 95:5 with HAA
PE 7495	30-36	1000-2500	55	Flexible superdurable resin for 95:5 with HAA
PE 7500	28-36	3000-7000	53	Superdurable resin for 95:5 with HAA – very high mechanical properties

Low gloss superdurable systems (dry-blend)

PRODUCT	ACID NUMBER (mg.KOH/gr)	VISCOSITY (mPa.S)	TG (°C)	DESCRIPTION
PE 7550	52-58	2500-4500	65	Superdurable, for 93:7 with HAA, low gloss when dry blend with PE 7530
PE 7530 (§)	22-28	2000-4000	62	Superdurable, for 96:4 with HAA, low gloss when dry blend with PE 7550

(§) Experimental Resin

TGIC SYSTEMS

(SIRALES® resins for TGIC-cured paints)

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PRODUCT	ACID NUMBER (mg.KOH/gr)	VISCOSITY (mPa.S)	TG (°C)	DESCRIPTION
PE 7112.T	20-28	4500-7500	55	Industrial /architectural, matt coatings

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PRODUCT	ACID NUMBER (mg.KOH/gr)	VISCOSITY (mPa.S)	TG (°C)	DESCRIPTION
PE 7310	30-38	3500-5500	60	Architectural/industrial, good reactivity, flexible
PE 7315	30-38	3500-6500	55	Architectural/industrial for low temperature systems
PE 7320.A	30-38	3500-5500	68	Industrial, very good storage stability
PE 7321	30-38	3000-5000	65	Industrial/architectural, medium reactivity, good flow
PE 7322	30-38	3500-5500	66	Architectural

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PRODUCT	ACID NUMBER (mg.KOH/gr)	VISCOSITY (mPa.S)	TG (°C)	DESCRIPTION
PE 7220.T	46-54	3000-6000	63	Architectural, chemical resistant, for dry blend matt coatings

* Tribo Version available

PT-910 SYSTEMS

(SIRALES® resins for PT-910-cured paints)

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PRODUCT	ACID NUMBER (mg.KOH/gr)	VISCOSITY (mPa.S)	TG (°C)	DESCRIPTION
PE 7901*	24-32	6500-10000	70	Architectural

* Tribo Version available

URETHANE SYSTEMS

(SIRALES® resins for polyurethane paints)

PRODUCT	ACID NUMBER (mg.KOH/gr)	VISCOSITY (mPa.S)	TG (°C)	DESCRIPTION
PE 6110	35 – 45	4500-7500	60	Architectural in combination with aliphatic isocyanate

MASTERBATCHES & ADDITIVES

(special SIRALES® resins)

PRODUCT	ACID NUMBER (mg.KOH/gr)	VISCOSITY (mPa.S)	TG (°C)	DESCRIPTION
PE 6210 F	8 max	35 – 50	1500- 3500	Masterbatch with 10% of flow agent, suitable for outdoor
PE 6215 F	8 max	35 – 50	1200- 3200	Masterbatch with 15% of flow agent, suitable for outdoor
PE 6310 F	8 max	35 – 50	1500- 4500	Masterbatch with 10% of flow agent, suitable for clearcoat
PE 6220	8 max	65 – 85	500-2500	For masterbatches of additives and pigments, organic filler
PE 5900	28-36	–	1500	Crystalline resin, plasticizers for superdurable system
PE 7400	30-38	–	2500- 5500	Masterbatch of 5% of tribo additive