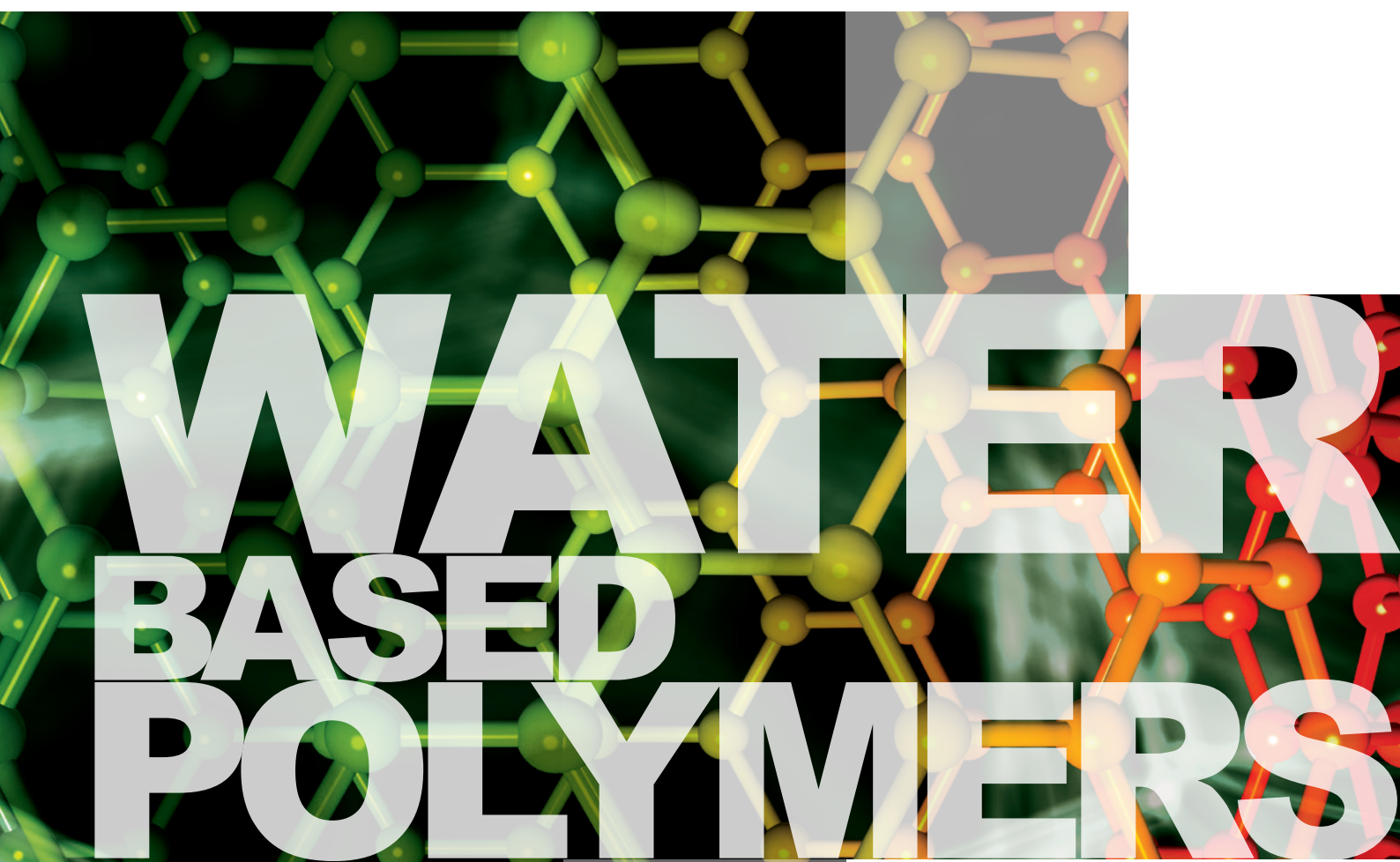




Water Based Polymers



CROMOGENIALUNITS
YOUR SPECIALIST FOR SPECIALTIES



WATER BASED POLYMERS

Water Based Polymers



Product Range

POLYURETHANE AQUEOUS DISPERSIONS

HIGH SOLIDS

ACRYLIC EMULSIONS

WATER BASED CROSSLINKING AGENT

SOLVENT BASED CROSSLINKING AGENT



A WIDE RANGE OF WATER-BASED POLYMERS

POLYURETHANE DISPERSIONS ACRYLIC EMULSIONS AND CROSSLINKING AGENTS (Including Eco-Friendly VOC Free Versions)

TO PERFORM IN MANY DIFFERENT AREAS:

COATINGS: WOOD, METAL, TEXTILE, PLASTIC

CONSTRUCTION: FLOOR COATINGS, ROOFING



PRODUCTS. CHA

Polyurethane Aqueous Dispersions

Products	NMP/NEP Free	Solvent Free	% Solid Content	Módulus 100	Tensiile Strength Mpa	Elong. %	Ionic Character	Aliph.	Arom.	Polyester	Polyether	Poly-Carbonate	Hybrid	Hardnes Köning
CROMELASTIC NI-77	*	*	30	0,3	1,5	1000	Non-ionic	*			*			
CROMELASTIC C-4480	*	*	23	1,5	25	700	Cationic	*			*			
CROMELASTIC C 400	*	*	25	9	20	250	Cationic	*			*			
CROMELASTIC C 4463	*	*	30	–	–	–	Cationic	*			*			
CROMELASTIC SU 3060		*	30	–	–	–	Anionic	*			*			
CROMELASTIC 046 SP	*	*	40	2	40	1200	Anionic	*			*			
CROMELASTIC 6200	*	*	40	–	–	–	Anionic	*		*				
CROMELASTIC FA 80	*	*	20	n. f.	–	–	Anionic				*			
CROMELASTIC FA 20 PRG	*		20	n. f.	–	–	Anionic		*		*			
CROMELASTIC NVF	*	*	40	0,5	2	700	Anionic	*		*				
CROMELASTIC 9676 SP	*	*	30	0,7	3	1000	Anionic	*		*	*			
CROMELASTIC SE-80			40	1.6	12	800	Anionic	*			*			
CROMELASTIC SE 80 SP	*	*	40	1.6	12	800	Anionic	*			*			25
CROMELASTIC SE 85	*		40	2	30	1400	Anionic	*			*			
CROMELASTIC HH-29 PG	*		26	1,7	25	800	Anionic	*			*			
CROMELASTIC 6600 SP	*	*	45	3	45	800	Anionic	*		*				31
CROMELASTIC 810 PRG	*		35	2,7	42	600	Anionic	*		*	*			
CROMELASTIC 841			40	4,5	35	600	Anionic	*			*			
CROMELASTIC SP 400	*	*	40	4,5	25	650	Anionic	*			*			25
CROMELASTIC D-1401			40	3,3	40	600	Anionic	*			*			
CROMELASTIC PC- 250			35	4	50	450	Anionic	*				*		35
CROMELASTIC PC- 250 PRG	*		35	4	50	450	Anionic	*				*		35
CROMELASTIC SE-86 PRG	*		40	5	42	450	Anionic	*		*				45
CROMELASTIC 851			35	5	30	550	Anionic	*			*			
CROMELASTIC 851 SP	*	*	35	5	30	550	Anionic	*			*			
CROMELASTIC WC-6183 30%			30	7,5	30	400	Anionic		*		*			



CHARACTERISTICS &

Polyurethane Aqueous Dispersions

Products	NMP/NEP Free	Solvent Free	% Solid Content	Modulus 100	Tensiile Strength Mpa	Elong. %	Ionic Character	Aliph.	Arom.	Polyester	Polyether	Poly-Carbonate	Hybrid	Hardnes Köning
CROMELASTIC 6151			36	6	40	500	Anionic	*		*	*			
CROMELASTIC 6152 PRG	*		35	10	_	400	Anionic	*		*	*			
CROMELASTIC 3351			35	6	20	450	Anionic	*			*			
CROMELASTIC 4001			35	10	20	200	Anionic	*		*				
CROMELASTIC 4569			35	12	22	175	Anionic	*		*				80
CROMELASTIC D-1600			38	13	33	325	Anionic	*			*			80
CROMELASTIC D-1600 PRG	*		35	13	33	325	Anionic	*			*			80
CROMELASTIC D-1800			38	13	40	350	Anionic	*			*			110
CROMELASTIC PC 450			38	15	40	300	Anionic	*				*		
CROMELASTIC PC 450 PRG	*		38	15	30	200	Anionic	*				*		
CROMELASTIC PC 550			38	25	40	100	Anionic	*				*		125
CROMELASTIC PC 550 PRG	*		38	25	40	100	Anionic	*				*		125
CROMELASTIC SE 871			35	20	35	200	Anionic	*		*				
CROMELASTIC SP 800	*	*	35	20	30	100	Anionic	*		*				87
CROMELASTIC 0249			40	20	25	250	Anionic	*		*				130
CROMELASTIC 0249 PRG	*		40	20	25	250	Anionic	*		*				130
CROMELASTIC 0284			35	30	45	150	Anionic	*		*				130
CROMELASTIC AC 9			35	_	45	20	Anionic	*	*		*		*	125
CROMELASTIC AC 11	*	*	37	_	_		Anionic	*			*	*	*	125
CROMELASTIC AC 20	*	*	37	_	30	<100	Anionic	*				*	*	217
CROMELASTIC ACL 80	*	*	35	_	_		Anionic	*				*	*	130



APPLICATIONS

High Solids

Products	NMP/NEP Free	Solvent Free	% Solid Content	Modulus 100	Tensile Strength Mpa	Elong. %	Ionic Character	Aliph.	Arom.	Polyester	Polyether	Poly-Carbonate	Hybrid	Hardnes Köning
CROMELASTIC P-840	*		100	4	13	500			*		*			

Acrylic Emulsions

Products	% Solid Content	Self-Crosslinking	Characteristics	MFT °C	Tg °C	Uses
UNICRYL W 345	37	*	Acrylic	45		High Gloss Coatings
UNICRYL W 346	43	*	Acrylic	44		High Chemical Resistances.
UNICRYL WE 30	45	*	Acrylic	23		Metallic Substrates
UNICRYL W 15	43	*	Acrylic	15		Stain Blocking _ Resistance
UNICRYL W 18	40	*	Acrylic	12		Out-Door Coatings
UNICRYL W 44H	43		Acrylic-Hydroxyl	44		1K or 2 K Coatings. Good Adhesion
UNICRYL W 258	38	*	Acrylic	30		Low Coalescent Demand
UNICRYL W 22	43		Styrene-Acrylic	52		High Hardness. Interior Wood Coatings
UNICRYL 62	50		Alkali Soluble	141		Low Viscosity, Binder for MDF
UNICRYL T 11	45		Acrylic		-7	Textile Pigment Printing
UNICRYL T12	45		Acrylic		-10	Textile Pigment Printing
UNICRYL T 02	40	*	Acrylic		-14	Textile Coating. Printing
UNICRYL C 229	50		Acrylic		-10	Textile Coating. Printing
UNICRYL X 61	55	*	Acrylic		10	Textile Coating. Printing
UNICRYL T 1230	30		Acrylic		-10	Textile Pigment Printing
UNICRYL T 930	30	*	Acrylic		-8	Textile Pigment Printing
UNICRYL C 105	35	*	Acrylic		-8	Textile Pigment Printing



Water Based Crosslinking Agent

Products	% Solid Content	Ionicity	aliphatic	NCO (%)	Observations
REGEL TH 20	100	Anionic	*	18	Universal Crosslinker for 2K Systems
REGEL TH 22	100	Anionic	*	18	Lower Viscosity Than TH 20
REGEL TH 20 C1	80	Anionic	*	13,6	Crosslinker for High Gloss 2 K Systems. Wood
REGEL TH 30	40	Anionic	*	4,5	Designed for 2K Industrial and Textile Coatings
REGEL TH 35	40	Anionic	*	4,5	Designed for 2K Industrial and Textile Coatings
REGEL TH 80	40	Non-ionic	*	4,5	Designed for 2K Industrial and Textile Coatings
REGEL TH 85	40	Non-ionic	*	4,5	Designed for 2K Industrial and Textile Coatings
REGEL PYM 5001	75	Non-ionic	Melamine	-	Universal Crosslinker for 2K Systems
REGEL PYM 3001	50	Non-ionic	Melamine	-	Universal Crosslinker for 2K Systems low viscosity

Especial crosslinking agent

Products	% Solid Content	Ionicity	aliphatic	NCO (%)	Observations
REGEL TH 25	75	Anionic	*	10,6	Designed for 2K Can Coatings System



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