

WATER BASED POLYMERS

Water Based Polymers



PRODUCT RANGE

POLYURETHANE AQUEOUS DISPERSIONS

TERMOSENSITIVE POLYURETHANE

ACRYLIC EMULSIONS

WATER 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, LEATHER

CONSTRUCTION: FLOOR COATINGS,
ROOFING



Water Based Polymers

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CROMOGENIALINITS
YOUR SPECIALIST FOR SPECIALTIES

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CROMOGENIALINITS
YOUR SPECIALIST FOR SPECIALTIES

ENGLISH

PRODUCTS. CHARACTERISTICS & APPLICATIONS

Polyurethane Aqueous Dispersions

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 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 SE 85	*		40	2	30	1400	Anionic	*			*			
CROMELASTIC PS 05	*	*	50	0,5	10	1300	Anionic	*		*				
CROMELASTIC 046 SP	*	*	40	2	40	1200	Anionic	*			*			
CROMELASTIC 9676 SP	*	*	30	0,7	3	1000	Anionic	*		*	*			
CROMELASTIC PS 075	*	*	50	1	20	1000	Anionic	*		*				
CROMELASTIC 6209	*	*	40	2	25	900	Anionic	*			*	*		25
CROMELASTIC SE 80 SP	*	*	40	1,6	12	800	Anionic	*			*			
CROMELASTIC HH-29 PG	*		26	1,7	25	800	Anionic	*			*			
CROMELASTIC 6600 SP	*	*	45	3	45	800	Anionic	*		*				31
CROMELASTIC NVF	*	*	40	0,5	2	700	Anionic	*		*				
CROMELASTIC SP 400	*		40	4,5	25	650	Anionic	*			*			25
CROMELASTIC 810 PRG	*		35	2,7	42	600	Anionic	*		*	*			
CROMELASTIC D-1401			40	3,3	40	600	Anionic	*			*			
CROMELASTIC 851 SP	*	*	35	5	30	550	Anionic	*			*			
CROMELASTIC PC- 250 PRG	*		35	4	50	450	Anionic	*				*		35
CROMELASTIC SE-86 PRG	*		35	5	42	450	Anionic	*		*				45
CROMELASTIC 202	*		37	9	14	450	Anionic	*			*			
CROMELASTIC 1058 PRG	*		34	6	20	350	Anionic	*			*			
CROMELASTIC D-1600 PRG	*		35	13	33	325	Anionic	*			*			
CROMELASTIC 0249 PRG	*		40	20	25	250	Anionic	*		*				130
CROMELASTIC 834 PRG	*		30			220	Anionic	*		*				

Polyurethane Aqueous Dispersions

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CROMELASTIC 871 PRG	*		35	20	35	200	Anionic	*						
CROMELASTIC PC 450 PRG	*		35	15	30	200	Anionic	*						
CROMELASTIC 4569 PRG	*		35	12	22	175	Anionic	*		*				
CROMELASTIC PC 550 PRG	*		38	25	40	100	Anionic	*				*		125
CROMELASTIC SP 800	*	*	35	20	30	100	Anionic	*		*				87
CROMELASTIC AC 20	*	*	37	_	30	<100	Anionic	*			*	*		217
CROMELASTIC AC 22	*	*	35	_	_	<100	Anionic	*	*			*		120
CROMELASTIC AC 24	*	*	40	_	_	<100	Anionic	*	*			*		100
CROMELASTIC AC 11	*	*	37	_	_	<100	Anionic	*			*	*	*	125
CROMELASTIC AC 9			35	_	45	<100	Anionic	*	*		*		*	125
CROMELASTIC 210	*		20	ND	ND	ND	Anionic		*		*			
CROMELASTIC FA 20 PRG	*		20	n.f.	_	_	Anionic		*		*			
CROMELASTIC SU3060	*	*	30	n.f.	_	_	Anionic	*			*			

Dull PU

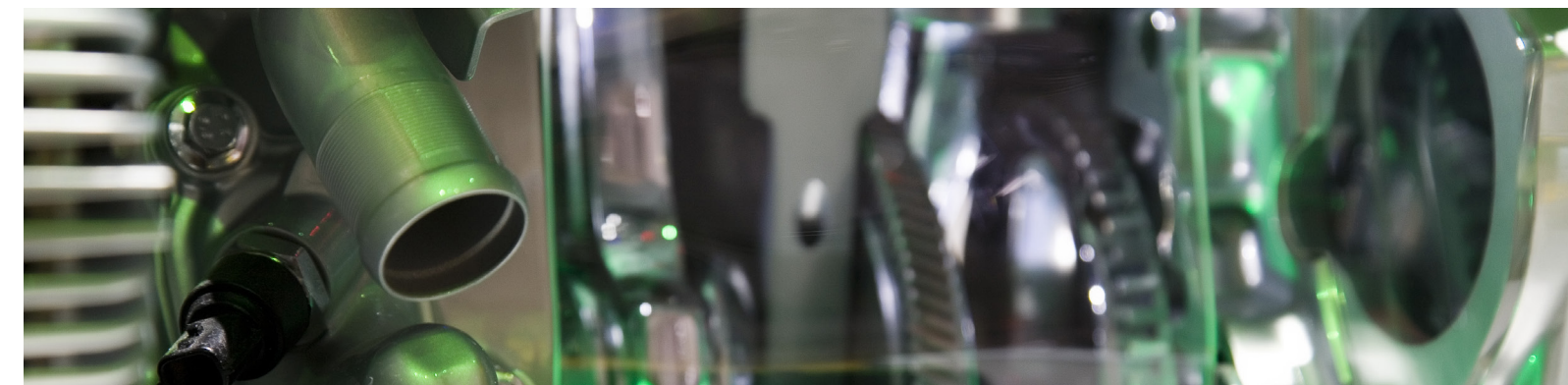
Products	NMP/NEP Free	Solvent Free	% Solid Content	Modulus 100	Tensile Strength Mpa	Elong. %	Ionic Character	Aliph.	Arom.	Polyester	Polyether	Poly-Carbonate	Hybrid	Hardnes Köning
CROMELASTIC M 1201	*	*	30	5	30	600	Anionic	*		*	*			
CROMELASTIC MO 201	*		20	4	25	600	Anionic	*			*			
CROMELASTIC 2910 MA	*		20	2	20	800	Anionic	*			*			

Thermoactive PU

Products	Solvent Free	% Solid Content	T Activation °C	Modulus 100	Tensile Strength Mpa	Elong %	Ionic Character.
FORZAL D61R	*	50	60	8	16	650	Anionic
FORZAL D63	*	50	70	7	26	750	Anionic

Acrylic Emulsions

Products	% Solid Content	Self-Crosslinking	Characteristics	MFT °C	Tg °C	Uses
UNICRYL WE 30	45	*	Acrylic	23	40	Metallic Substrates
UNICRYL W 15	43	*	Acrylic	15	20	Stain Blocking _ Resistance
UNICRYL W-7	40	*	Acrylic	12		Exterior coatings
UNICRYL W 18	40	*	Acrylic	12		Wood primer
UNICRYL W 44H	43		Acrylic-Hydroxyl	44	47	1K or 2 K Coatings. Good Adhesion
UNICRYL W 258	38	*	Acrylic	30		Low Coalescent Demand
UNICRYL W 262	38	*	Acrylic	30		Interior Wood coatings
UNICRYL W 290	44	*	Acrylic	4	-11	Exterior Wood coatings
UNICRYL 62	50		Alkali Soluble	141		Low Viscosity, Binder for MDF
UNICRYL T12	45		Acrylic		-10	Textile Pigment Printing
UNICRYL T 02	45	*	Acrylic		-14	Textile Pigment Printing
UNICRYL T 1230	30		Acrylic		-10	Textile Pigment Printing
UNICRYL T110	35				-8	
UNICRYL T108	35				-8	
UNICRYL LG	50				-10	Binder Latex Gloves



Acrylic Emulsion substitution to solvent chloroprene

Products	% Solid Content	Self-Crosslinking	Characteristics	MFT °C	Tg °C	Uses
FORZAL N08	50		Acrylic	0	-25	Alternative to solvent chloroprene based adhesive

Acrylic Emulsion lamination

Products	% Solid Content	Self-Crosslinking	Characteristics	MFT °C	Tg °C	Uses
UNICRYL A07				3	-15	Lamination adhesives

Water Based crosslinking agent

Products	% Solid Content	Ionicity	aliphatic	NCO (%)	Observations
REGEL TH 20	100	Non-ionic	*	18	Universal Crosslinker for 2K Systems
REGEL TH 27	70	Non-ionic	*	12	Universal Hydrophilic Crosslinker for 2k systems
REGEL TH 22	100	Non-ionic	*	18	Lower Viscosity Than TH 20
REGEL TH 20 C1	80	Non-ionic	*	14,3	Crosslinker for High Gloss 2 K Systems. Wood
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

