

Product	Solid Content [%]	MFFT [°C]	pH value	Main use
ESACOTE® ADT 7	34.0-36.0	~5	7.0-9.0	ESACOTE® ADT 7 is an anionic water-based dispersion of an aliphatic polyurethane based on polyether diols and gives a soft, slightly sticky, highly flexible and elastic film. ESACOTE® ADT 7 is particularly suitable for the production of very soft adhesives for the textile and the shoe industry.
ESACOTE® DP 46	39.0-41.0	<5	7.0-9.0	ESACOTE® DP 46 is an anionic water-based dispersion of an aliphatic polyurethane based on polyester diols and can be used as binder for clear and pigmented coatings to laminate several materials like fabrics, paper or plastic substrates.
ESACOTE® MD 23	29.0-31.0	~15	3.5-5.0	ESACOTE® MD 23 is a cationic water-based dispersion of an aliphatic polyurethane based on polyester diols and can be used as binder for clear and pigmented coatings with low pH value.
ESACOTE® NBD	29.0-31.0		7.0-9.0	ESACOTE® NBD is a nonionic water-based aliphatic polyurethane dispersion that gives a soft and flexible film without any residual stickiness suitable for rigid and flexible substrates.
ESACOTE® PU C1	29.0-31.0	~0	4.0-6.0	ESACOTE® PU C1 is a low VOC cationic water-based dispersion of an aliphatic polyurethane based on polycarbonate diols and can be used as binder for clear and pigmented coatings providing stability in low pH formulations, low water uptake, good elasticity on flexible substrates, and good over-coatability.
ESACOTE® PU HMF	29.0-31.0	~10	7.5-10.5	ESACOTE® PU HMF is an anionic water-based dispersion of an aliphatic polyurethane based on polyester diols and gives medium hard, transparent and glossy films when formulated as clear or pigmented coating.
ESACOTE® PU K 39	34.0-36.0	~5	7.0-9.0	ESACOTE® PU K 39 is an anionic water-based dispersion of an aliphatic polyurethane based on polyester diols and can be used as binder to formulate flexo and gravure inks with special resistance to temperature and pressure as well as clear and pigmented primer and topcoats on PVC, ABS, PC, others.
ESACOTE® PU 40	34.0-36.0	~0	7.5-9.5	ESACOTE® PU 40 is a low VOC anionic water-based dispersion of an aliphatic polyurethane based on polyester diols and can be used as binder for clear and pigmented coatings providing mechanical and chemical resistance, good substrate and intercoat adhesion properties, and good elasticity on flexible substrates.

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ESACOTE® PU 41	34.0-36.0	~20	8.0-10.0	ESACOTE® PU 41 is an anionic water-based dispersion of an aliphatic polyurethane based on polyester diols and can be used as binder for clear and pigmented parquet and furniture primer and topcoats when sandability, chemical resistance, and toughness are required.
ESACOTE® PU 45	34.0-36.0		7.5-9.5	ESACOTE® PU 45 is an anionic water-based dispersion of an aliphatic polyurethane based on polyester diols and can be used as binder for aqueous pigmented inks for roto and flexo printing.
ESACOTE® PU 61	34.0-36.0	~25	7.0-9.0	ESACOTE® PU 61 is an anionic water-based dispersion of an aliphatic polyurethane based on polycarbonate diols and can be used as binder for clear and pigmented coatings providing good hardness development, high gloss and clarity, mechanical and chemical resistance, good balance of elasticity and hardness and anti-scratch properties.
ESACOTE® PU 62	34.0-36.0	~0	7.0-9.0	ESACOTE® PU 62 is an anionic water-based dispersion of an aliphatic polyurethane based on polyester diols and can be used as a binder for clear and pigmented coatings providing good adhesion properties to a large variety of substrates and good elasticity on flexible substrates.
ESACOTE® PU 63	34.0-36.0	~0	7.0-9.0	ESACOTE® PU 63 is an anionic water-based dispersion of an aliphatic polyurethane based on polyester diols and can be used as binder for clear and pigmented coatings providing good adhesion properties to plastic substrates and good elasticity on flexible substrates.
ESACOTE® PU 67	39.0-41.0	~0	7.0-9.0	ESACOTE® PU 67 is a solvent-free anionic water-based dispersion of an aliphatic polyurethane based on polyether diols and can be used as binder suitable for treating, coating, and finishing of soft substrates.
ESACOTE® PU 70	34.0-36.0	~10	7.0-9.0	ESACOTE® PU 70 is an anionic water-based dispersion of an aliphatic polyurethane based on polycarbonate diols and can be used as binder for clear and pigmented coatings applied to metals such as aluminum, galvanized iron, or cold rolled steel as well as for primer and topcoats for furniture and parquet.
ESACOTE® PU 71	34.0-36.0	~10	7.0-9.0	ESACOTE® PU 71 is an anionic water-based dispersion of an aliphatic polyurethane based on polycarbonate diols and can be used as binder for clear and pigmented metal coatings applied over aluminum, cold rolled or galvanized steel, as well as wood coatings when chemical resistance and toughness are a must.

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ESACOTE® PU 74	34.0-36.0	~5	7.5-9.5	ESACOTE® PU 74 is an anionic water-based dispersion of an aliphatic polyurethane based on polyester diols and can be used as binder for flexible packaging, as well as plastic and metal coatings.
ESACOTE® PU 77	34.0-36.0	~35	7.0-9.0	ESACOTE® PU 77 is a low VOC anionic water-based dispersion of an aliphatic polyurethane based on polycarbonate diols and can be used as binder for clear and pigmented coatings providing good hardness development, high gloss and clarity, mechanical and chemical resistance, good balance of elasticity and hardness, as well as excellent flow and levelling.
ESACOTE® PU 78	49.0-51.0	~5	8.0-10.0	ESACOTE® PU 78 is a high solid content anionic water-based dispersion of an aliphatic polyurethane based on polyester diols and can be used as binder for clear and pigmented automotive interior coatings, dashboard varnishes, and coatings for flexible packaging and cardboards.
ESACOTE® PU 173	29.0-31.0	~5	7.0-9.0	ESACOTE® PU 173 is an anionic water-based dispersion of an aliphatic polyurethane based on polyether diols and can be used as binder for clear and pigmented coatings applied for flexible packaging, plastics, leather, paper, and textile.
ESACOTE® PU 470	39.0-41.0	~0	7.0-9.0	ESACOTE® PU 470 is an anionic water-based dispersion of an aliphatic polyurethane based on polyether diols and can be used as binder for clear and pigmented coatings providing medium hard, highly flexible films, high gloss and clarity, and low water uptake.
ESACOTE® PU 471	39.0-41.0	~15	7.0-9.0	ESACOTE® PU 471 is a solvent-free anionic water-based dispersion of an aliphatic polyurethane based on polyether diols and can be used as binder to formulate primer and topcoats applied to plastics, leather, and textile.
ESACOTE® PU 472	34.0-36.0	~5	7.0-9.0	ESACOTE® PU 472 is an anionic water-based dispersion of an aliphatic polyurethane based on polyether diols and can be used as binder specifically designed for formulations of clear and pigmented coatings with low water uptake and high elasticity.
ESACOTE® PU 475	39.0-41.0	~0	7.0-9.0	ESACOTE® PU 475 is an anionic water-based dispersion of an aliphatic polyurethane based on polyether diols and can be used as binder for clear and pigmented coatings providing fairly soft, highly flexible films, high gloss and clarity, and low water uptake.

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ESACOTE® PU 825	27.0-29.0	~0	6.5-8.0	ESACOTE® PU 825 is a solvent-free anionic water-based dispersion of an aliphatic polyurethane based on polyether diols and can be used as binder for clear and pigmented coatings providing fairly soft, highly flexible films, high gloss and clarity, good adhesion on BOPP, as well as good over-coatability and over-printability.
ESACOTE® PU 835	34.0-36.0	~15	6.5-8.0	ESACOTE® PU 835 is an anionic water-based dispersion of an aliphatic polyurethane based on polyether diols and can be used as binder for primer on bio-oriented polypropylene or bio-oriented polyester to improve metallization with aluminum, printability, and over-coatability.
ESACOTE® PU 850	27.0-29.0	~15	6.5-8.0	ESACOTE® PU 850 is a solvent-free anionic water-based dispersion of an aliphatic polyurethane based on polyether diols and can be used as binder for clear and pigmented coatings providing medium hard, highly flexible films, high gloss and clarity, good adhesion on BOPP, as well as good over-coatability and over-printability.
ESACOTE® PU 931	29.0-31.0	~0	8.0-10.0	ESACOTE® PU 931 is a low VOC nonionic water-based dispersion of an aliphatic polyurethane based on polyether diols and can be used as binder for clear and pigmented coatings providing high flexibility, good over-coatability and good overall compatibility with other formulation components.
ESACOTE® PU 932	29.0-31.0	~0	8.0-10.0	ESACOTE® PU 932 is a low VOC water-based nonionic dispersion of an aliphatic polyurethane based on polyether diols and can be used as binder for clear and pigmented coatings providing high flexibility and rubbery as well as good over-coatability.
ESACOTE® PU 1056	34.0-36.0	~13	4.0-6.0	ESACOTE® PU 1056 is a nonionic water-based dispersion of an aliphatic polyurethane based mainly on polyether diols and can be used as binder for clear and pigmented coatings providing high stability in acidic or basic formulations and in formulations with electrolytes.
ESACOTE® PU 1621	24.0-26.0	~0	7.0-9.0	ESACOTE® PU 1621 is an anionic water-based anionic dispersion of an aliphatic polyurethane based on siloxane functionalized diols and can be used as binder for clear and pigmented coatings providing a good release effect.

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ESACOTE® PU 1622	24.0-26.0		7.0-9.0	ESACOTE® PU 1622 is an anionic water-based dispersion of an aliphatic polyurethane based on polyether diols and containing a siloxane functionalization. ESACOTE® PU 1622 has a very good adhesion on polyester and corona-treated polyolefin and has been specifically designed to obtain perfect release effect of pressure sensitive adhesives.
ESACOTE® PU 2001	30.0-32.0	~0	6.0-7.0	ESACOTE® PU 2001 is a cationic water-based functionalized dispersion of an aliphatic polyurethane based on polycarbonate diols and is suitable as binder for primer with acidic pH value and for water-based digital inks applied to non-porous substrates.
ESACOTE® PU 3010	35.0-37.0	~5	6.5-7.5	ESACOTE® PU 3010 is a water-based polyurethane dispersion designed as binder to formulate tack-free primer digitally printed onto plastic substrates (BOPP, BOPET, PVC).
ESACOTE® PU 4040	34.0-36.0	~0	7.5-9.5	ESACOTE® PU 4040 is a low VOC anionic water-based dispersion of an aliphatic polyurethane based on polyester diols and can be used as binder for clear and pigmented coatings providing mechanical and chemical resistance, good substrate and intercoat adhesion, as well as good elasticity on flexible substrates.
ESACOTE® PU 4045	34.0-36.0	~0	7.0-9.5	ESACOTE® PU 4045 is a low VOC anionic water-based dispersion of an aliphatic polyurethane based on polyester diols and can be used as binder for clear and pigmented coatings providing good adhesion to a large variety of substrates, good intercoat adhesion, and good compatibility with inorganic salts such as calcium chloride.
ESACOTE® PU 5181	39.0-41.0	~5	7.0-9.0	ESACOTE® PU 5181 is an anionic water-based dispersion of an aliphatic polyurethane based on polyether diols and can be used as binder for clear and pigmented coatings providing medium hard, highly flexible, transparent, and glossy films, as well as low water uptake.
ESACOTE® PU 5913	29.0-31.0		7.0-9.0	ESACOTE® PU 5913 is a nonionic water-based aliphatic polyurethane dispersion based on polyester diols that gives very soft and transparent films suitable for both rigid and flexible substrates.

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ESACOTE® PU 6419	30.0-32.0	~0	7.0-9.0	ESACOTE® PU 6149 is a water-based dispersion of an aliphatic polyurethane based on polyether diols and can be used as binder for clear and pigmented coatings providing good hardness development, high gloss and clarity, mechanical, chemical and alkali resistance.
ESACOTE® PU 6535	34.0-36.0	~5	7.0-10.0	ESACOTE® PU 6535 is an anionic water-based aliphatic polyurethane dispersion and can be used as binder for clear and pigmented wood coatings with excellent chemical and abrasion resistance and inks.
ESACOTE® PU 6814	34.0-36.0	~0	7.0-9.0	ESACOTE® PU 6814 is an anionic water-based dispersion of an aliphatic polyurethane based on polycarbonate diols and can be used as binder for clear and pigmented coatings providing good hardness development, high gloss and clarity, mechanical and chemical resistance, and good balance of elasticity and hardness.
ESACOTE® PU 7020	34.0-36.0	~0	7.0-9.0	ESACOTE® PU 7020 is an anionic water-based dispersion of an aliphatic polyurethane based mainly on polycarbonate diols and can be used as binder for clear and pigmented coatings providing mechanical and chemical resistance, good elasticity on flexible substrates, as well as high gloss and clarity.
ESACOTE® PU 8527	39.0-41.0	~0	6.5-8.5	ESACOTE® PU 8527 is a solvent-free anionic water-based dispersion of an aliphatic polyurethane based on polyether diols and can be used as binder for clear and pigmented coatings providing soft yet not sticky films, good elasticity, high gloss and clarity, and low water uptake.
ESACOTE® PU 8533	40.0-41.0	~0	7.0-9.0	ESACOTE® PU 8533 is a solvent-free anionic water-based dispersion of an aliphatic polyurethane based on polyether diols and can be used as binder for clear and pigmented coatings providing soft, highly flexible films, good adhesion on BOPP, and good over-coatability and over-printability.
ESACOTE® ST 47	49.0-51.0	~0	8.0-10.0	ESACOTE® ST 47 is a low VOC anionic water-based dispersion of an aliphatic polyurethane based on polyester diols and can be used as binder for clear and pigmented coatings providing high stability in acidic and basic formulations, and in formulations with electrolytes or fillers.

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ESACOTE® SW 3	34.0-36.0	~0	8.0-10.0	ESACOTE® SW 3 is a low VOC anionic water-based dispersion of an aliphatic polyurethane based on polyether diols and containing a siloxane functionalization. ESACOTE® SW 3 can be used as binder for clear and pigmented coatings providing a rubber-like enhanced haptic effect.
ESACOTE® UR 115	31.0-33.0	~15	7.0-8.5	ESACOTE® UR 115 is an anionic water-based dispersion of an aliphatic polyurethane modified with fatty acids and can be used as binder for clear and pigmented coatings providing good hardness development, mechanical and chemical resistance, and good adhesion properties to a large variety of substrates.
ESACOTE® UR 116	31.0-33.0	~25	7.0-8.5	ESACOTE® UR 116 is an anionic water-based dispersion of an aliphatic polyurethane modified with fatty acids and can be used as binder for clear and pigmented metal and wood coatings.
ESAJET® 200	29.0-31.0		8.0-10.0	ESAJET® 200 is an aqueous polyurethane dispersion and is used as binder specifically designed for aqueous pigmented inks in inkjet applications.
ESAJET® 931	29.0-31.0		8.0-10.0	ESAJET® 931 is an aqueous polyurethane dispersion and is used as binder specifically designed for aqueous pigmented inks in inkjet applications.
ESAJET® 4518	34.0-36.0		7.0-9.5	ESAJET® 4518 is an aqueous polyurethane dispersion and is used as binder specifically designed for aqueous pigmented inks in inkjet applications.
ESAJET® 5913	29.0-31.0		7.0-9.0	ESAJET® 5913 is an aqueous polyurethane dispersion and is used as binder specifically designed for aqueous pigmented inks in inkjet applications.
ESAJET® D 8	34.0-36.0		7.0-9.0	ESAJET® D 8 is an aqueous dispersion of a synthetic polymer and is used as binder specifically designed for aqueous pigmented inks in inkjet applications.
ESAJET® PU 13	34.0-36.0	~5	8.0-10.0	ESAJET® PU 13 is an aqueous dispersion of a synthetic polymer and is used as binder specifically designed for aqueous pigmented inks in inkjet applications.
ESAJET® PU 24	37.0-39.0		7.0-9.0	ESAJET® PU 24 is an aqueous dispersion of a synthetic polymer specifically designed for aqueous inks in inkjet applications.
ESAJET® PU 77	34.0-36.0		7.0-9.0	ESAJET® PU 77 is an aqueous dispersion of a synthetic polymer specifically designed for aqueous inks in inkjet applications.

¹ Typical values, not for specification purposes

