

| Product                  | Solid Content [%] | MFFT [°C] | pH value | Main use   |
|--------------------------|-------------------|-----------|----------|--|
| <b>ESACOTE® AC 100</b>   | 19.0-21.0         | ~30       | 8.0-9.0  | ESACOTE® AC 100 is an APEO-free, solvent-free, anionic water-based acrylic emulsion and is specifically designed for heat sealing and holographic process of plastic films.  |
| <b>ESACOTE® AC 110</b>   | 39.0-41.0         | ~55       | 7.0-8.0  | ESACOTE® AC 110 is an APEO-free, solvent-free, anionic water-based acrylic emulsion that contains free hydroxylated groups and is particularly suitable for primers since it shows good adhesion also on critical substrates with low surface energy.  |
| <b>ESACOTE® AC 126</b>   | 39.0-41.0         | ~19       | 4.0-6.0  | ESACOTE® AC 126 is an APEO-free, solvent-free, anionic water-based acrylic emulsion and can be used as binder for clear and pigmented coatings.  |
| <b>ESACOTE® AC 150HP</b> | 34.0-36.0         |           | 7.0-8.0  | ESACOTE® AC 150HP is an aqueous dispersion of a synthetic polymer that provides excellent barrier effect for water, oil and grease.  |
| <b>ESACOTE® AC190</b>    | 45.0-47.0         | ~10       | 7.0-8.0  | ESACOTE® AC 190 is an APEO-free, solvent-free, anionic water-based acrylic emulsion and can be used a binder for clear and pigmented coatings, providing a good heat sealable behavior.  |
| <b>ESACOTE® AC 200</b>   | 39.0-41.0         | ~12       | 8.0-10.0 | ESACOTE® AC 200 is an APEO-free, solvent-free, anionic water-based acrylic emulsion and can be used as a primer on flexible substrates and as binder for flexo/gravure inks, as well as clear and pigmented coatings.  |
| <b>ESACOTE® AC 202</b>   | 42.0-44.0         | ~50       | 7.0-8.0  | ESACOTE® AC 202 is an APEO-free, solvent-free, anionic water-based acrylic emulsion and can be used as binder for clear and pigmented coatings providing quick drying, good hardness development, high gloss and clarity, as well as mechanical, chemical and stain resistance also in 1K application. |
| <b>ESACOTE® AC 302</b>   | 49.0-51.0         | ~50       | 7.0-8.0  | ESACOTE® AC 302 is an APEO-free, solvent-free, anionic water-based acrylic emulsion that contains free hydroxylated groups and can be used as binder for clear and pigmented coatings. Best performance is achieved by crosslinking with water dispersible polyisocyanates.                            |
| <b>ESACOTE® AC 4729</b>  | 39.0-41.0         | ~16       | 5.5-7.0  | ESACOTE® AC 4729 is a water-based acrylic emulsion based on acrylic esters and can be used as binder for clear and pigmented coatings with low pH value.   |
| <b>ESACOTE® AC 4731</b>  | 39.0-41.0         | ~0        | 5.5-7.0  | ESACOTE® AC 4731 is a water-based acrylic emulsion based on acrylic esters and can be used as binder for clear and pigmented coatings with low pH value.   |

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| <b>ESACOTE® LP</b>    | 24.0-27.0         |           | 7.5-9.5  | ESACOTE® LP is an aqueous acrylic emulsion and can be used either stand-alone or in formulations as surface treatment for the enhancement of water hold out.  |
| <b>ESACOTE® LP 11</b> | 24.0-27.0         |           | 7.5-9.5  | ESACOTE® LP 11 is an aqueous acrylic emulsion and provides excellent barrier properties against water and mild barrier properties against water vapor as well as applicability as heat-sealable coating with initial sealing temperature around 75°C. |
| <b>ESAJET® AC 03</b>  | 39.0-41.0         |           | 4.0-6.0  | ESAJET® AC 03 is a water-based acrylic emulsion specifically designed for aqueous pigmented inks in inkjet application and provides outstanding re-dispersibility in water and ink.   |
| <b>ESAJET® AC 20</b>  | 39.0-41.0         | ~25       | 8.2-8.7  | ESAJET® AC 20 is a self-crosslinking water-based acrylic emulsion and is a binder specifically designed for aqueous pigmented inks in inkjet application.   |
| <b>ESAJET® AC 22</b>  | 42.0-44.0         | ~42       | 7.0-8.0  | ESAJET® AC 22 is a water-based acrylic emulsion and is a binder specifically designed for aqueous pigmented inks in inkjet application.   |
| <b>ESAJET® AC 31</b>  | 39.0-41.0         | ~62       | 7.0-8.0  | ESAJET® AC 31 is an aqueous acrylic copolymer dispersion specifically designed for digital ink formulations on hard and soft substrates.  |

<sup>1</sup> Typical values, not for specification purposes