

Ceridust™ 1060 Vita

IMPROVED COLOR DISPERSION IN PLASTICS WITH MICRONIZED RICE BRAN WAX



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Ceridust 1060 Vita is a highly effective dispersing agent based on the non-food competing Licocare™ rice bran wax. It enables an excellent pigment dispersion in plastic parts made of polar engineered thermoplastics such as nylon, polyesters, TPU or biopolymers like PLA.

KEY PRODUCT FEATURES

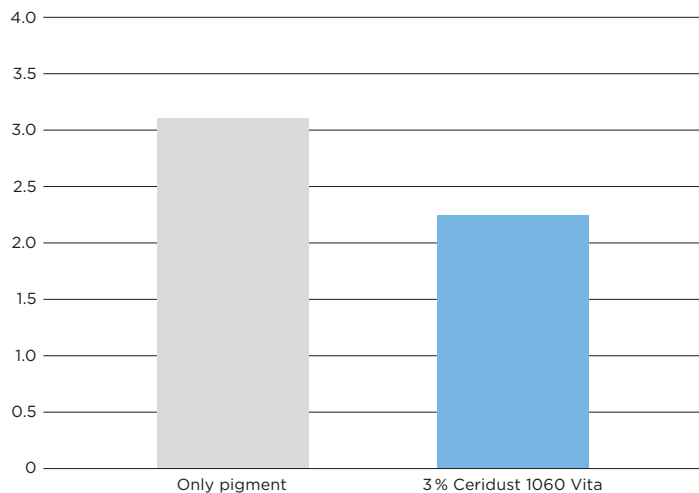
- Dispersing agent for active substances such as pigments, fillers or additives in engineered thermoplastics and biopolymers
- Optimally coats the pigment particles due its low temperature melting behavior
- Neutralizes the binding forces which re-agglomerate pigment particles
- Eases pigment dispersion and stabilization
- Reduces filter pressure value and helps to prevent clogging of filters

YOUR BENEFITS

- Greater color strength at equal pigment dosing, from improved dispersion
- Enables cost reduction as the pigment concentration may be reduced to achieve the target color
- Reduced surface blooming
- Cleaner colors
- Reduced need to counter “yellowing” with additional blue pigments; thus cleaner, brighter colors
- Nearly 100 % renewable

PIGMENT DISPERSION IN PLA

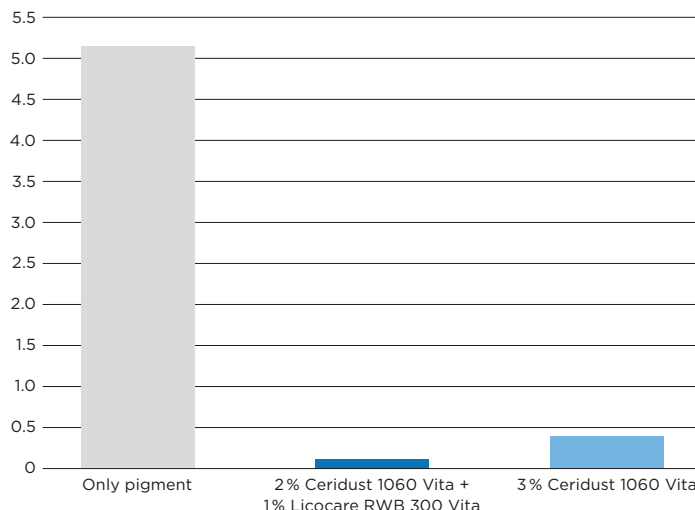
Filter pressure value [bar/g pigment]



Formulation: Polylactic acid + 30 % Blue 15:3 + indicated percentage of test product
Filter value: DIN-EN 13900-5; Filter: 14 µm; Premix: Cold mix

PIGMENT DISPERSION IN PET

Filter pressure value [bar/g pigment]



Formulation: Polyethylene terephthalate + 30 % Blue 15:3 + indicated percentage of test product
Filter value: DIN-EN 13900-5; Filter: 14 µm; Premix: Cold mix

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