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Technical Data Sheet for TK HM Apogee process 4-color series

TK HM Apogee process-4 color series are designed as sheet-fed ink for commercial, publication printing and packaging printing.

(1) Designed for the versatile paper substrates.

TK HM Apogee series have suitable setting and drying performance for coated paper, matte paper, uncoated paper and carton board.

*Note; We do not recommend to use TK HM Apogee 4-color series for the food and drug packaging materials in case the packaging printing matters have chance to contact with foods and drugs directly or indirectly.

(2) Good emulsification behavior for offset printing.

Good emulsification behavior of TK HM Apogee series provides suitable water-latitude for conventional offset printing machines.

(3) TK HM Apogee process 4-colors comply with ISO 12647-2.

TK HM Apogee series comply with ISO 12647-2 which indicates color gamut.

* Note ; Some color shades of the printing matter with TK HM Apogee maybe out of specification regarding the allowance of ISO 12647-2 due to the variation of spectrophotometers or printing conditions.

(4) Technical Data for visco-elastic properties and VOCs wt%

	Yellow	Magenta	Cyan	Black
Tack	198	210	225	223
Flow(mm)	19.0	18.5	18.7	18.7
Viscosity(Pa · s)	55	70	64	70
VOCs wt%	16.1%	16.6%	15.6%	14.1%

Tack :Tack-o-meter 30 400rpm

Flow : Spread-o-meter 25

Viscosity : Cone type viscosity-meter 25

VOCs wt%: Method 24 (Oven temperature 110)

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