WATER-BASED RESINS

SPCRYL

HPD RESIN SOLUTIONS

Shiva's SPCRYL HPD line of resin solutions allow ink manufactures to make pigment dispersions that reduce milling time, are higher in pigment loading and color development, are viscosity stable and compatible in most water-based ink systems.

Product	Appearance	pH	Solids %	Brookfield viscosity, cps @ 30 degree	Acid Value	Tg('C)	Descriptions & Applications
SPCRYL 160 EH	Yellow clear liquid	8.5 - 9.5	33 - 35	3000 - 6000	230	125	High solid, high viscosity and high molecular weight disperison for high quality pigment dispersions.
SPCRYL 160 EU	Yellow clear liquid		30 - 32	1500 - 3000	230	125	High solid and low viscosity dipersion designed for high quality pigment dispersion. High pigment loading with low viscosity.
SPCRYL 160 MEA	Amber clear liquid		38 - 40	4000 - 6000	230	110	MEA based high solid and low viscosity dipersion designed for high quality pigment dispersion. High pigment loading with low viscosity.
SPCRYL 160 EMEA	Amber clear liquid		35 - 38	1500 - 2500	230	110	MEA based high solid and low viscosity dipersion designed for high quality pigment dispersion. High pigment loading with low viscosity.
SPCRYL 170E	Yellow clear liquid		27 - 29	500 - 1000	230	130	High molecular weight dispersion for high quality pigment dispersions
SPCRYL 196	Yellow clear liquid		35 - 37	3000 - 6000	200	85	High pigment dispersion,cost effective
SPCRYL 296	Amber clear liquid		35 - 36	200 - 600	140	20	Acrylic dispersion designed for high pigment loading with low viscosity and stability
SPCRYL 396	Yellow clear liquid		30 - 32	100 - 500	220	NA	Acrylic dispersion designed for high pigment loading with low viscosity and stability
SPCRYL 496	Yellow clear liquid		34 - 35	300 - 800	220	NA	Acrylic dispersion designed for high pigment loading with low viscosity and stability
SPCRYL 1134	Yellow clear liquid		34 - 36	100 - 1000	NA	NA	Acrylic dispersion designed for high pigment loading with lowest viscosity and stability
SPCRYL 2230	Yellow clear liquid		30 - 32	200 - 800	NA	100 - 105	Acrylic dispersion designed for high pigment loading with lowest viscosity and stability