

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/N	Yellow clear liquid	7.5 - 8.5	33 - 35	3000 - 6000	230	125	High solid, high viscosity and high molecular weight dispersion for high quality pigment dispersions.
SPCRYL 160 EU	Yellow clear liquid		30 - 32	1500 - 3000	230	125	High solid and low viscosity dispersion 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 dispersion 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 dispersion 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 296/N	Amber clear liquid		35 - 36	200 - 600	140	20	Acrylic dispersion designed for high pigment loading with low viscosity and stability
SPCRYL 396 /N	Yellow clear liquid		30 - 32	100 - 500	220	NA	
SPCRYL 496/N	Yellow clear liquid		34 - 35	300 - 800	220	NA	
SPCRYL 1129 N	Yellow clear liquid		29 - 31	250 - 600	85-95	90 - 110	
SPCRYL 1134	Yellow clear liquid		34 - 36	100 - 1000	55-65		
SPCRYL 2230	Yellow clear liquid	30 - 32	200 - 800	200	NA		