

## WATER-BASED RESINS

## SPCRYL

## SPECIALTY EMULSIONS



Product	Appearance	Key Properties	Non-volatiles %	pH (30°C)	Viscosity (cps @ 30°C)	Molecular Weight	Acid Number (on solids)	T <sub>g</sub> (°C)	Descriptions & Applications
SPCRYL 1695	Semi translucent emulsion	non- metal, High heat resistance, adhesion on poly film, clarity with gloss	38 - 40	8.5 - 9.5	100 -1000	> 200,000	NA	-45	Non-metal or without zinc soft film forming acrylic emulsion for high heat resistance applications in inks and varnishes
SPCRYL 1685	Semi translucent emulsion	High heat resistance, adhesion on poly film, clarity with gloss	42 - 44	9.2 - 9.8	200 - 500	> 200,000	NA	-20	Zinc based film forming acrylic emulsion for high heat resistance applications in inks and varnishes
SPCRYL 1665	Semi translucent emulsion	Excellent Adhesion High Heat Resistance Excellent Clarity With Gloss	35 - 37	9.2 - 9.8	Up to 500 cps	> 200,000	NA	-20	Zinc based film forming acrylic emulsion for highest heat resistance applications in inks and varnishes
SPCRYL 1630	Milky White Emulsion	Excellent water repellency, good scuff and COF with gloss	38 - 40	8.0 - 9.0	200 - 400	> 200,000	60	-20	Soft emulsion for low COBB and MVTR properties on paper and water repellency application
SPCRYL MAT 40	White emulsion	excellent opacity, no any metallic additives, good adhesion with scuff resistance	38 - 40	8.0 - 9.0	500 - 1000	> 200,000	NA	NA	Silica or matallic free Cross-linked acrylic emulsion with very low gloss for inks and varnishes
SPCRYL 2664	Semi translucent emulsion	soft film forming, suitable for fine line anilox printing, improve colour strenght	42 - 44	9.0 - 10.0	200 - 800	> 200,000	170	NA	Soft emulsion for high colour strength inks and suitable for fine-line anilox printing
SPCRYL 09	Semi translucent emulsion	Glycol ether Free, Excellent Heat Resistance, Excellent Optical clarity , Excellent Gloss, Fast Drying, Film forming hard emulsion .	43 - 45	8.0 - 9.0	Up to 500 cps	NA	80 to 90	65 to 75	Hard but film forming acrylic emulsion with high gloss for inks and varnishes
SPCRYL FLEX 5000	Semi translucent emulsion	Cross-linked emulsion, Good re-solubility, good wet and dry resistance .	42 - 43	9.0 - 9.5	200 - 1000	> 200,000	90	NA	Soft and Self crosslinking acrylic emulsion for water resistance, good adhesion on film substrates
SPCRYL 538-A	Semi translucent emulsion	Good alcohol / chemical resistance, good re-solubility,	45 - 47	9.0 - 10.0	100 - 400	> 200,000	55	65	Non film forming acrylic emulsion for alcohol resitance in inks and varnishes
SPCRYL 538-AM	Semi translucent emulsion	low smell, Good alcohol / chemical reisitance, good re-solubility,	45 - 47	9.0 - 10.0	100 - 400	> 200,000	55	65	Low smell MEA based non film forming acrylic emulsion for alcohol resitance in inks and varnishes
SPCRYL 711	Translucent Emulsion	Low Heat Seal Excellent Clarity & Printability Used For Opp Films Low Residual Odour	19 - 21	9.0 - 10.5	Up to 100 cps	> 200,000	NA	50 to 60	Acrylic dispersion without any solvent designed for OPP film heat sealing properties
SPCRYL HSE	Semi translucent emulsion	Excellent graphic qualities , High gloss, Good heat resistance, Excellent compatibility with other additives	48 - 50	9.0 ± 0.3	350- 850 cps	NA	32 to 35	-5 to -8	Soft acrylic emulsion designed for blister application on paper to film like PVC, PET, etc.