



RC 27148

ALKYD RESINS

Long oil Alkyds

Product	Oil Type	Key Features and Benets	Suggested Applications	NVM %	Solvent
AR 3500	SOYA BEAN OIL OR FATTY ACID	Air drying, Non yellowing, fast drying, good brush-ability, good leveling and low viscosity	Air drying high gloss enamels, printing inks, insulating varnishes, alkyd emulsions for	98 ± 2	Nil
AR 3570W	SOYA BEAN OIL OR FATTY ACID	Air drying, good brush-ability drying properties, good yellowing resistance and outdoor durability	Making OB Air drying gloss enamels for interior and exterior, high gloss white enamels with	70 ± 2	White spirit
AR 4570W	SOYA BEAN FATTY ACID	Air drying non yellowing with superior drying and good gloss	good gloss retention Non yellowing, fast drying gloss paints	70 ± 2	White spirit
AR 4670W	SUN FLOWER FATTY ACID / TALL OIL FATTY ACID	Long oil, air drying, less yellowing with superior gloss	Air drying enamels, suitable for white & pale shades	70 ± 2	White spirit

Medium Oil Alkyds	Oil Type	Key Features and Benefits	Suggested Applications	NVM%	Solvent
AR 2050W	LINSEED OIL MODIFIED	Quick air drying high viscosity, white spirit soluble, good hardness and good durability	Wall paints. Achitectural paints. stoving finishes and primers	60 ± 2	White spirit
AR 4457W	SOYA BEAN FATTY ACID	High viscosity, low yellowing, white spirit soluble and good durability	Wall paints. Achitectural paints. stoving finishes and primers	58 ± 2	White spirit
AR 4465SX	SOYA BEAN FATTY ACID	Medium oil, chain stopped, and fast drying alkyd. Its offer good gloss, good colour retention & has good surface and thorough drying properties	It is suitable for high grade air drying paints for car refinishing and industrial fast drying paint. It can be used along with amino resin (5-15%) in low bake systems (80 deg/30 mins)	65 ± 2	Xylene
AR 13500W	SOYA BEAN OIL	Air drying Non-yellowing with superior drying and good gloss	Air drying enamels for exterior and interior low viscosity, good brushability and good gloss	50 ± 2	White spirit
AR 4480 W70	SOYA BEAN FATTY ACID	High viscosity, low yellowing, white spirit soluble and good durability	Wall paints, architectural paints, stoving finishes and primers	70 ± 2	White spirit
AR 4755SX	SOYA BEAN FATTY ACID	Chain stopped alkyd, good pigment wetting properties. High gloss, excellent yellowing resistance, excellent drying, good colour retention and outdoor durability	Air and forced drying car repair finishes drum paints, radiator paints, and machinery paints, very good for	55 ± 2	White spirit
AR 4455SX	SOYA BEAN FATTY ACID	Medium oil, chain stopped, fast drying alkyd for use in industrial fast drying paint and low bake stoving system. it offers good gloss, good colour retention and thorough drying properties	It is suitable for high grade air drying [paints for car refinishing and industrial fast drying paint. It can be used along with amino resin (5-15%) in low bake systems (80 deg/30 mins)	55 ± 2	White spirit
AR 4450W	SOYA BEAN FATTY ACID	High viscosity, non yellowing, white spirit soluble and good durability	Wall paints, architectural paints, stoving finishes and primers	55 ± 2	White spirit
AR 4450WHV	SOYA BEAN FATTY ACID	It is a very high viscosity alkyd resin with high thinner intake making it ideal	For low priced gloss enamel primers and wood finishes	45 ± 2	White spirit
AR 4450WEHV	SOYA BEAN FATTY ACID	It is a very high viscosity alkyd resin with high thinner intake making it ideal	For low priced gloss enamel and wood finishes	45 ± 2	White spirit

Short Oil Alkyds	Oil Type	Key Features and Benefits	Suggested Applications	NVM%	Solvent
AR 4542WEEHV	SOYA BEAN FATTY ACID	Very high viscous, low yellowing, ability to consume large quantity of thinking solvent which results in highly economical gloss enamels, early recoatability	Fast drying, highly economical gloss paints	44 ± 2	White spirit
AR 4343W	SOYA BEAN FATTY ACID	High viscosity, non yellowing, white spirit soluble and good durability	Wall paints, architectural paints, stoving finishes and primers	45 ± 2	White spirit
AR 485SX	SOYA BEAN FATTY ACID	Very short oil lenght quick drying alkyd. it has Nitrocellulose compatibility good gloss colour and colour retention adhesion good recoatability and water resistance	Fast air drying general purpose industrial paints including auto refinishing, agricultural equipment etc. Where good drying and recoatability are most important aspects	55 ± 2	Xylene
AR 6870X	COCONUT FATTY ACID	High gloss, haze free films with excellent hardness of film, and excellent non-yellowing properties when stoved.	High appliances finishes, high gloss stoving finishes, automotive finishes, furniture finish etc	70 ± 2	Xylene
AR 6070X	DCO	High Gloss, haze free films with excellent hardness of film, and good non-yellowing properties when stoved.	High gloss stoving primers and finishes, furniture finish	70 ± 2	Xylene
AR 5160X	SOYA BEAN OIL	When used in stoving paints/surface coating paints, provides good gloss hardness and exterior durability	Stoving industrial low bake paints and primers	60 ± 2	Xylene

Modified Alkyds & Treated Oils	Oil Type	Key Features and Benefits	Suggested Applications	NVM%	Solvent
AR 5960STX	STYRENE MODIFIED ALKYD RESIN BASED ON SOYA BEAN AND DCO	Very quick drying, good thorough hardening, good harness and non-yellowing gloss, with limited compatibility with other resins	Quick air drying gloss primers paints and h ammer finishes. Industrial quick drying spray-able enamels	60 ± 2	Xylene
Stand Oil	LINSEED OIL	Excellent drying time, gloss retention, very good pigment wetting properties. brushability and leveling	Gloss enamels, oil bond distempers, primers and aluminium paints	100	Nil

PRODUCT GUIDE



RC 27148

POLYAMIDE RESIN

REACTIVE TYPE

		Key features and benefits	Suggested Applications	NYM %	Solvent
PY 303	NOT APPLICABLE	Reactive polyimide used for curing epoxy resins and epoxy systems. Better pot life and lower exotherm during curing with minimum shrinkage Renders good flexibility to epoxy systems	Epoxy resin curing, epoxy systems	95	Xylene butanol
BLOCKED CATALYSTS		Key features and benefit	Suggested Applications	NYM %	Solvent
BC 2533	BLOCKED CATALYST	BC 2533 is an amine blocked di-nonylnaphthaline di-sulphonic acid soln in alcoholic Solvents	Curing of saturated polyester with hmmm resins		Nil

DRIERS, ADDITIVES AND THINNERS		Key features and benefit	Suggested Applications	NYM %	Solvent
PD 1334A		Mixed drier	Uses as accelerator for fast drying of	43	Mixer of
PD 1307		CO naphthanate 6%	Solvent based paints	28	aliphatic
PD 1313		CA naphthanate 5%		25	solvent
PA 1000 A	PIGMENT WETTING AN NON IONIC SURFACE ACTIVE AGENT	Non ionic surface active agent	Used for solvent based paints	80	
s 175220	ALPHATIC SOLVENTS		Used for solvent based paints		

EMULSIONS Products	Monomers	Key features and benefit	Suggested Applications	NYM %	Solvent
PE 503	VAM- VEOVA 10 CO- POLYMER	Very good glass, high quality paints, dry film has outstanding properties like opacity, alkali resistance, high degree of resistance to dirt pickup.	High quality and low cost-exterior wall paints. Interior paints, texture paints	50	Water
PE 505	VAM- VEOVA 10 CO- POLYMER	Very good glass, high quality paints, dry film has outstanding properties like opacity, alkali resistance, high degree of resistance to dirt pickup.	Gloss and semi gloss emulsion paints	53	Water
AE 557	STYRENE ACRYLIC CO- POLYMER	High viscosity, high pigment binding capacity, dry film has resistance to alkali and water	Texturized paint, gloss to flat interior as well as exterior emulsion paint.	50	Water
AE 558	ACRYLIC CO-POLYMER	Good bindings strength. Textile pigment printing binder	Pigment printing binder for textiles. Printing both on cotton and systenthetic fibres	50	Water
AE 562	STYRENE ACRYLIC CO-POLYMER	High viscosity, high pigment binding capacity. Dry film has resistance to alkali and water	Texturized paint, gloss to flat interior as well as exterior emulsion paint.	45	Water
AS 778	PURE ACRYLIC COPOLYMER EMULSION	High glass, non yellowing resistance, high durability, good machine properties, better milage and low wastage.	For high gloss overprint varnish for art papers offset printing and glazing paper.	50	Water
AS 779	PURE ACRYLIC COPOLYMER EMULSION	High viscosity, high pigment binding capacity. Dry film has resistance to alkali and water, non yellowing resistance	For high gloss and satin emulsion paints	50	Water

FOR ADHESIVES AND THICKENERS					
PE 504 HV	POLYVINYL ACE-TATE HOMO- POLYMERS	Better application properties and excellent bonding strength.	Adhesive for wood to wood, wood to Laminatte, wood to polywood	45	Water
PE 522 SP	VINYL ACELATE HOMOPOLYMER SOLUTION	Milky white dispersion, high viscosity, plasticized. High bonding strength excellent especially for banding of packaging machines	Adhesive for high speed packaging machines, running properties in high speed paper to paper, cigarette Industry	48 ± 2	Water
PE 522 D	VINYL ACELATE HOMOPOLYMER SOLUTION	Milky white dispersion, high viscosity, plasticized. High bonding strength excellent especially for banding of packaging machines	Adhesive for high speed packaging machines, running properties in high speed paper to paper, cigarette Industry	45 ± 2	Water
PE 524	HOMOPOLYMER DISPERSION	Milky white dispersion, high viscosity, plasticized. High bonding strength excellent especially for banding of running properties in high speed packaging machines	Adhesive for high speed packaging machines, especially for bonding paper to paper paper to cardboard lamination carton sealing applications	38	Water
PE 525	HOMOPOLYMER DISPERSION	Milky white dispersion, high viscosity, plasticized. High bonding strength excellent running properties in high speed packaging machines	Adhesive for high speed packaging machines, especially for bonding of paper to paper cartons and cardboard	38	Water
PE 526	HOMOPOLYMER DISPERSION	Milky white dispersion, medium viscosity, plasticized high bonding strength, low cost adhesive in high speed packaging machines	Adhesive for high speed packaging machines, especially for bonding of paper to paper cardboard and cartons pasting	38	Water
PE 527	HOMOPOLYMER DISPERSION	Labels for non absorbing substrates and lamination adhesive on high speed machines	Used as base fro labels on plastic non absorbing substrate on high speed machine lines and lamination adhesive for paper to foil, paper to film applications	50	Water
PV 218 H	PVA SOLUTION	PVA clear viscous solution freely miscible with all types of commonly used sizing bath materials. It can also be used as adhesive	Mainly suggested for smooth sizing of synthetic and synthetic cotton textile blends. Also as adhesive for paper to paper bonding.	15	Water
PE 529	COPOLYNER DISPERSION	Labels for non absorbing substrates such as PE, PP, ABS, HDPE. Good machine properties on high speed line	For labels on plastics non absorbing substrate on high speed machine lines	40	Water
AE 555	ACRYLIC POLYMER SOLUTION	Synthetic thickener, when diluted with water and neutralized with base acts as a thickener for various end use	Water based paints as alkali soluble thickness. Establishing material for pigments. Can be used as thickening latex in presence of ammonia for printing application in textile industry.	25	Water

PRODUCT GUIDE



RC 27148

SCALE INHIBITOR

	Chemistry	Key Features and Benefits	Suggested Applications	Recommended Products
NYCIL S1 Series	POLYEOXY SUCCINIC ACID (PESA)	Inhibit the formation of mineral scale associated with well pressure changes, water incompatibility and corrosion. It inhibits deposition of Ca / Mg salts (Carbonates and Sulfates), Barium Sulfates	Effectively reduce scale build-up in producing wells by solubility enhancement crystal growth modification and disperse of clay, soil and percipitates	NYCIL S1 Series

DEMULSIFIER	Chemistry	Key Features And Benefits	Suggested Applications	Recommended Products
NYCIL DEM Series	EO/PO BLOCK COPOLYMERS AND VARIOUS ALKOXYLATES	Demulsifier is a blends of oxide based block copolymers in aromatic solvents. These products are 100% nonionic and nontoxic.	Demulsifier are used to separate emulsions [water in oil]. They are commonly used in the processing of crude oil for effectively separating formation water from emulsions in crude oil	NYCIL DEM Series

POLYESTER RESINS					
Saturated Type	Oil Type	Key Features and benefits	Suggested Applications	NVM %	Solvent
PR 19605B	OIL FREE POLYESTER RESIN TECHNOLOGY	Medium Viscosity high performance impact resistance good pigment wetting properties High gloss excellent yellowing resistance, excellent hardness flexibility good colour and gloss retention coupled with outdoor durability excellent adhesion to aluminium and galvanized steel	High performance coil coatings top coats for interior and exterior use, can coating for white base coat and overprint varnish, general purpose, industrial stoving enamels, primers and outdoor durable applications	60 ± 2	SolvesSO 150 Butyl glycol 3:
PR 2060S	OIL FREE POLYESTER RESIN TECHNOLOGY	High Viscosity high performance impact resistant good pigment wetting properties High gloss, excellent yellowing resistance, excellent hardness flexibility, good colour and gloss retention coupled with outdoor durability excellent adhesion to aluminium and galvanized steel	High performance coil coatings top coats for interior and exterior use, can coating for white base coat and overprint varnish, general purpose, industrial stoving enamels, primers and outdoor durable applications	60 ± 2	SolvesSO 150

UNSATURATED TYPE Products	Oil Type	Key Features and benefits	Suggested Applications	NVM %	Solvent
PR 1265S	OIL FREE POLYESTER RESIN TECHNOLOGY WITH STYRENE AS DILUENT	Viscous orthophphate based unsaturated polyester medium reactive resin. When cured it has good clarity, good hardness and pale colour.	For both non-reinforced and reinforced casting resin with minimum shrinkage, it has better application properties because of higher viscosity	67 ± 2	Styrene
PR 1266S	OIL FREE POLYESTER RESIN TECHNOLOGY WITH STYRENE AS DILUENT	Viscous orthophphate based unsaturated polyester medium reactive resin, fast curing, excellent adhesion, good sanding good hardness and good workability	For automotive body filter, heavy vehicle Putty, patching and sealing compound	60 ± 2 67 ± 2	Styrene
PR 1267S	OIL FREE POLYESTER RESIN TECHNOLOGY WITH STYRENE AS DILUENT	Viscous orthophphate based unsaturated polyester medium reactive resin, high filler loading, low shrink resistance to crack and warping, exhibit good adhesion to marble, stone, metal substrate	For cultured synthetic marbles, bathtubs, counter tops and sinks high density marbles and solid surface	67 ± 2	Styrene
PR 1268S	OIL FREE POLYESTER RESIN TECHNOLOGY WITH STYRENE AS DILUENT	Viscous orthophphate based unsaturated polyester medium reactive resins heat and chemical resistance, excellent wet out ideal for large structures	Isophathalic gel coats for boats hulks acid resistance applications, fishing boats, hatches and pools	67 ± 2	Styrene

SOLVENT BASED ACRYLIC RESINS					
Thermosetting	Monomers	Key Features and benefits	Suggested Applications	NVM %	Solvent
PHR 82608X	CO POLYMER SOLUTION	Polyhydroxylc acrylic resin for two component polyurethane. Clear transparent, very good gloss. Very good adhesion on mentaland plastic substrate.	OEM coatings, car refinish, heavy duty machinery coatings high quality furniture coatings, marine coatings PU flooring applications	60 ± 2	Xylene / Butyl Acetate

THERMOPLASTIC					
ACR 9060 T	CO POLYMER SOLUTION	Thermoplastic acrylic resin. Clear transparent good gloss and durable, fast drying with very good adhesion on metal as well as on the plastic substrate	For pale shades, suitable for car refinish, architectural and quick drying gloss paints for machinery, road marking and traffic paints applications	60 ± 2	Toluene

AMINO RESINS					
UREA FORMALDEHYDE RESIN		Key Features and benefits	Suggested Applications	NVM %	Solvent
UF 101B	UREA FORMALDEHYDE RESIN	General purpose butylated non plasticized urea formaldehyde resin, it imparts excellent gloss. Flexibility and hardness of film Medium viscosity and rapid covering	Recommended for use to general purpose industrial stoving finishes wood finishes high glossy stoving enamels and cold cure finishes	60 ± 2	Xylene butanol

BUTYLATED AMINO RESINS		Key Features and benefits	Suggested Applications	NVM %	Solvent
MF 154 B	REACTIVE BUTYLATED MELAMINE FORMALDEHYDE RESIN	Highly reactive, rapid setting butylated melamine formaldehyde resin. It imparts high gloss, excellent adhesion, leaving and exterior durability together with good mechanical properties.	Curing of short alkyd, saturated polyester etc	60 ± 2	Xylene butanol