Polynate® (PT-nate®) - oil free polyester resins

Product Code	NVC (%)	Solvent	Max. acid value	Typical viscosity @ 25ºC (poise)	Hydroxyl value	Hydroxyl content (%)	Type	Features/ application(s)
PE101	60	Solvesso100/ Butyl Glycol	10	18	64	1.95	Slightly branch	For topcoat and mono-coating coil coating application. Also suitable for general Industrial stoving paint. Good flexibility and durability.
PE116	65	Solvesso100/ Butyl Glycol	10	27	50	1.5	Slightly branch	Coil and can coating for topcoat and baking coat formulation. Good flexibility and exterior durability.
PE118	65	Solvesso100/ Butyl Glycol	10	35	50	1.5	Slightly branch	Suitable for metallic basecoat and auto refinish binder formulation. General stoving paint application.
PE126	55	Solvesso150	5	40	33	1	Linear	For coil coating polyester primer and mono-coat application.
PE135	70	Solvesso100/ Butyl Glycol	10	35	63	1.9	Slightly branch	For topcoat and mono-coat coil coating application. High reactivity and high solid formulation. Also suitable for general Industrial use.
PE136	60	Solvesso100/ Butyl Glycol	10	75	26	0.8	Linear	For can white and varnish coating application. Suitable for coil coating primer and mono-coat formulation.
PE139	65	Butyl Glycol	12	30	56	1.7	Slightly branch	For coil coating topcoat formulation. High film formation Tg, good gloss and good dirt pickup performance.
PE147	70	Solvesso 100/ Butyl Glycol	10	33	59	1.8	Slightly branch	For coil coating mono-coat formulation. Flexible and good outdoor durability.
PE178	65	Solvesso 100/ Butyl Glycol	10	35	62.7	1.9	Slightly branch	For coil coating topcoat formulation with good film formation. High cured film Tg, excellent outdoor durability with good dirt pickup.
PE154	60	Solvesso 100 /Butyl glycol	10	15	62	1.9	Slightly branch	Very good hardness and flexibility. Excellent outdoor durability. Good compatibility with CAB. Suitable for OEM stoving and metallic basecoat formulation.

PE157	60	Solvesso 150/ Butyl glycol	10	100	26.5	0.8	linear	Good flexibility, adhesion, forming characteristic and low baked system. Suitable for coil and can coating formulation.
PE165	70	Solvesso100/ Xylene/Butyl glycol	10	70	62	1.9	Slightly branch	Excellent outdoor durability and flexibility. Good compatibility with CAB. Suitable for OEM stoving and metallic basecoat formulation.

Polynate® (PT-nate®) - polyester resins - 2-pack isocyanate cure

Product Code	NVC (%)	Solvent	Max. acid value	Typical viscosity @ 25ºC (poise)	Hydroxyl value	Hydroxyl content (%)	Type	Features/ application(s)
PE104	65	PMA	4	170	265	8	Highly branched	Highly reactive polyester for ambient curing with aliphatic and aromatic isocyanates. Give excellent chemical and abrasion resistance.
PE108	100	-	3	8.5	250	7.6	Linear	Compatible with most acrylics, polyesters and alkyds. It can enhance the solids and improve flexibility of stoving and 2-pack coatings.
PE115	100	-	5	250	200	5	Linear	Use to enhance the solids of stoving and 2K coatings. Good flexibility, harder than PE108.
PE124	100	-	12	15	420	12.7	Linear	Grinding resin and carrier for unsaturated polyester system.
PE151	70	Xylene	4	60	66	2	Slightly branched	Excellent flexibility with good hardness. Good adhesion to many substrates including plastic materials. Suitable for topcoat formulation of appliances and architecture finishes.
PE163	75	PMA	10	80	109	3.3	Slightly branched	Excellent abrasion and scratch performance. Good durability and flexibility. Combined with PE104 to improve solid and overall properties.
PE164	75	Xylene	12	75	162	4.9	Slightly branched	Excellent chemical and mechanical performance. Suitable for PU wood finishes. Also, suitable for wood surface on boat and parquet flooring.