

INOVYN™ & BIOVYN™PVC resins for Paste - Main applications

Grade	BIOVYN™ grades	K value ISO 1628-2	Low fog	Viscosity	Rheology	Spread coating										Spray coating	Moulding		Dipping		Special applications			Characteristics		
						Artificial leather		Flooring				Technical Textiles		Wall covering			Car underbody coating & sealants	Rotational	Other Moulding	Gloves		Other Dipping	PUR Sealants		Printing	Cap closures
						Compact Foam	Wear layer	Base & impregnation layer	Mechanical foam	Chemical foam	Carpet backing	Base coat	Top coat	Compact Foam	Coil coating	Supported				Unsupported						
Dispersion resins																										
P602	x	59		medium	N	x	x	x	x		x	x		x	x		x									Fast gelation
360NA		60		low	N	x	x	x	x		x	x		x	x		x									Fast gelation
367NC	x	67	Yes	low	N	x	x	x	x					x	x		x									Low fog properties
367NF		67		low	N	x	x	x	x		x	x		x	x		x									Multipurpose
367NK		67		low-medium	N	x			x			x		x	x		x							x		Excellent foaming properties
P11	x	68		low	N	x	x	x	x	x	x	x		x	x		x									Multipurpose
P15	x	68		low	N	x	x	x	x			x														Excellent foaming properties
P1510	x	68		low	N					x	x	x	x										x	x		Very fine particles
P682	x	68		medium	N	x			x				x				x	x					x			Excellent foaming properties
P1412	x	69		medium	D	x	x			x	x		x				x	x					x	x	x	Excellent outdoor behaviour, excellent air release
P2170	x	69		low	N			x	x		x	x	x				x									High filler acceptance
370HK		69.5		high	PS	x	x								x								x			Highly thixotropic
370HM		69.5		high	PS	x	x								x								x			Highly thixotropic
370HD	x	70	Yes	high	PS	x	x				x				x								x			Highly plasticised applications, low fog
P709	x	70		medium-high	PS	x	x				x				x								x			Excellent foams, viscosity modifier
P737	x	71		high	D												x		x				x			Benchmark for supported gloves
372HA	x	71.5		medium-high	PS		x				x				x									x		Low water uptake
372LD		72		low	D																		x		x	For special food sealants
372NF		72		low	N	x	x	x	x		x	x					x	x					x		x	Multipurpose
373MC	x	73		medium	N	x	x				x	x					x	x					x	x		Benchmark for polyurethane sealants
373MH	x	73	Yes	medium	N	x	x					x														Low fog, car interiors
373ND	x	73	Yes	low	N	x	x				x	x														Excellent air release, car interiors

N: newtonian; D: dilatant; PS: pseudoplastic

Grade	BIOVYN™ grades	K value ISO1628-2	Low fog	Viscosity	Rheology	Spread coating										Spray coating	Moulding	Dipping		Special applications		Characteristics					
						Artificial leather		Flooring				Technical Textiles		Wall covering				Car underbody coating & sealants	Rotational	Other Moulding	Gloves		Other Dipping	PUR Sealants	Printing	Cap closures	
						Compact Foam	Wear layer	Base & impregnation layer	Mechanical foam	Chemical foam	Carpet backing	Base coat	Top coat	Compact	Foam	Coil coating	Supported				Unsupported						
374MB	x	74		medium	PS	x	x					x	x			x	x	x			x			x	Multipurpose, good thermal stability		
375MD	x	75	Yes	medium-high	PS	x	x					x	x													Excellent thermal stability, car interiors	
376NB	x	76		low	N	x		x				x	x				x	x			x					Matt finish, excellent air release	
382NG		82		low	N	x		x				x														Matt finish, very low viscosity	
P1482	x	82		low	N	x		x				x												x		Excellent mechanical properties & air release	
Special applications																											
370SK		69.5	Recommended applications: rigid PVC / Isocyanate foams																								Excellent mechanical properties
172SD		72	Recommended application: battery separators																								Free-flowing, excellent sintering behaviour
Extender Homopolymers																											
266EF	x	66	Yes				x	x	x	x	x	x	x	x	x	x	x	x	x			x			x	Excellent mechanical properties, matt finish	
266UF	x	66	Yes				x	x	x				x	x	x	x	x								x	Excellent mechanical properties, fine version	
Extender Copolymers																											
560SC	x	60	Yes									x					x									Fast gelation (10%VAc)	
PVC latexes																											
068SA		68	Recommended applications: water-based inks, varnishes, lacquers																								High mechanical stability
072GA		71.5	Recommended applications: water-based inks, varnishes, lacquers																								Standard version

N: newtonian; D: dilatant; PS: pseudoplastic