

# 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		Coil coating	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	Supported						Unsupported	
<b>Dispersion resins</b>																													
P602	x	59		medium	N		x		x		x	x			x	x			x	x									Fast gelation
360NA		60		low	N		x		x		x	x			x	x			x	x									Fast gelation
367NC	x	67	Yes	low	N		x		x	x									x	x									Low fog properties
367NF		67		low	N		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									Multipurpose
P15	x	68		low	N		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									Excellent foaming properties
P1412	x	69		medium	D	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																						Highly thixotropic
370HM		69.5		high	PS	x	x																						Highly thixotropic
370HD	x	70	Yes	high	PS	x	x						x						x										Highly plasticised applications, low fog
P709	x	70		medium-high	PS	x	x												x										Excellent foams, viscosity modifier
P737	x	71		high	D														x			x							Benchmark for supported gloves
372HA	x	71.5		medium-high	PS		x						x						x										Low water uptake
372LD		72		low	D																								For special food sealants
372NF		72		low	N	x	x	x	x		x	x							x	x									Multipurpose
373MC	x	73		medium	N	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

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374MB	x	74		medium	PS	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					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				
<b>Special applications</b>																												
370SK		69.5	Recommended applications: rigid PVC / Isocyanate foams																			Excellent mechanical properties						
172SD		72	Recommended application: battery separators																			Free-flowing, excellent sintering behaviour						
<b>Extender Homopolymers</b>																												
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						x	Excellent mechanical properties, fine version			
<b>Extender Copolymers</b>																												
560SC	x	60	Yes																						Fast gelation (10%VAc)			
<b>PVC latexes</b>																												
068SA		68	Recommended applications: water-based inks, varnishes, lacquers																			High mechanical stability						
072GA		71.5	Recommended applications: water-based inks, varnishes, lacquers																			Standard version						

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