

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	x		x						Fast gelation
360NA		60		low	N	x	x	x	x		x	x		x	x		x	x		x						Fast gelation
367NC	x	67	Yes	low	N	x	x	x	x					x	x		x	x		x						Low fog properties
367NF		67		low	N	x	x	x	x		x	x		x	x		x	x		x						Multipurpose
367NK		67		low-medium	N	x			x			x		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		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

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						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							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		

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