

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			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						Fast gelation
360NA		60		low	N	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						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			x			Excellent foaming properties
P11	x	68		low	N	x	x	x	x	x	x	x	x			x	x			x						Multipurpose
P15	x	68		low	N	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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						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	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			

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