

Technical Data Sheet - DEGALAN[®] VP P 34

Binder for heat seal lacquers with direct adhesion to aluminium

Bead polymer based on methyl methacrylate and n-butyl methacrylate

Typical Properties

Property	Value (ca.)	Unit	Method
Glass transition temperature (Tg)	46	°C	DIN EN ISO 11357-1
Viscosity number	55	cm ³ /g	DIN EN ISO 1628-1
Molecular weight (Mw)	180,000	g/mol	DIN 55672-1
Dynamic viscosity	450	mPas	DIN EN ISO 3219 (40% in MEK, C35/1°, 100 s ⁻¹)
Density	1.08	g/cm ³	DIN EN ISO 12185
Bulk density	650	g/L	DIN EN ISO 60

Applications

Binder for the manufacture of heat seal lacquers for sealing aluminium foil versus PVC and polystyrene in pharmaceutical blister and food packaging in compliance with food regulations.

Instruction for use

Film drying	Dries physically on solvent evaporation.
Solubility	DEGALAN [®] VP P 34 is soluble in esters, ketones, aromatics, glycol ethers, glycol ether acetates, chlorinated hydrocarbons; blendable with petroleum hydrocarbons and alcohols.
Compatibility	DEGALAN [®] VP P 34 is compatible with nitrocellulose, chlorinated rubber, various vinyl polymers, cellulose acetobutyrate, maleinate resins, phthalate plasticizers; incompatible with alkyd, melamine and urea resins. On request, we will be pleased to provide you with typical formulations for your guidance.
Hits for application	DEGALAN [®] VP P 34 is a heat seal binder with direct adhesion to aluminium foil, so primer with a PVC copolymer is not necessary. Recommended film thickness of DEGALAN [®] VP P 34 is 6 - 7 µm. Sealability versus PVC and polystyrene is possible.

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General remarks

Packaging	Paper bags: 25 kg net.
Storage	Keeps for 5 years from date of delivery if stored in a cool, dry place.

Typical properties are approximate reference values. If you need product specifications please contact us.

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