

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 | Unit | Method |
|-----------------------------------|---------|--------------------|---|
| Glass transition temperature (Tg) | 46 | °C | DIN EN ISO 11357-1 |
| Viscosity number | 35 - 60 | 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 g per sqm. Sealability versus PVC and polystyrene is possible. |

Evonik Resource Efficiency GmbH
 Kirschenallee
 64293 Darmstadt
 Germany
 PHONE +49 6151 18-4716
 FAX +49 6151 18-4955

Evonik Degussa Corporation
 299 Jefferson Road
 Parsippany,
 NJ 07054 USA
 PHONE +001 973 929-8000

Evonik Degussa (China) Co., Ltd.
 55 Chundong Road,
 Xinzhuang Industry Park
 Shanghai 201108, China
 PHONE +86 21 61191-027
 FAX +86 21 61191-534

Technical Data Sheet
 08.08.2017
 DEGALAN VP P 34 e
 Page 1/2

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General remarks

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| 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.

® = registered trademark

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