

Product Information

DEGACRYL® HS 4240 D

Water-based binder for heat seal lacquers

PRODUCT DESCRIPTION

Water-based binder for heat seal lacquers designed for direct coating on aluminum and good sealing to PS. Along with smooth peel properties, it can be sealed with all common polar substrates like PS or PVC.

Typical Properties

| Property | Unit | Value |
|---|-------------------|--|
| Chemical Name | | Aqueous emulsion of a thermoplastic, acrylic resin |
| Density DIN EN ISO 12185 | g/cm ³ | 1.04 |
| Film Formation Temperature ISO 2115 | °C | 16 |
| Glass Transition Temperature DIN EN ISO 11357-1 | °C | 15 |
| Glass Transition Temperature DIN EN ISO 11357-1 | °C | 49 |
| pH Value ISO 976 | | 2,6 |
| Solvent | | Water |
| Viscosity DIN EN ISO 3219 Dynamic Viscosity (Brookfield, LVT, Sp3, 6 Upm) | mPa·s | 300-400 |

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Usage as binder for aqueous heat seal lacquers with direct adhesion to aluminum foil for sealing aluminum foils versus PVC and polystyrene in

- pharmaceutical blister
- food packaging

Product Composition

| Product Composition | Unit | Value |
|-----------------------|------|---------|
| Solids Content | % | 49.5-52 |
| DIN EN ISO 3251 | | |

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

- excellent seal and peel properties on aluminum foil
- outstanding smooth peel effect
- economical and environmental friendly packaging solutions

DOSAGE

We are pleased to send guideline formulations.

HANDLING & PROCESSING

General

Binder for manufacturing aqueous heat seal lacquers with direct adhesion to aluminum foil for sealing aluminum foils versus PVC and polystyrene in pharmaceutical blister and food packaging.

Drying

Directly after coating with a minimum of 15 sec. at 180°C.

Hints for application

The recommended dry film thickness of DEGACRYL® HS 4240 D is 7 g per sqm.

PACKAGING

Open top steel drums: 125 kg net

Recyclable IBC with PE insert: 1000 kg net

STORAGE

Stored tightly closed in a cool place, protected from frost and strong heat.

SHELF LIFE

1 year after date of delivery under above mentioned storage conditions.

Disclaimer

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