

KEGUAN B33

polyvinylidene chloride

Keguan B33 is a PVDC latex recommended for use as a flexible underlayer for barrier coating on rigid PVC or PVC/PE film, to be covered with Keguan B35 as top coat.

The film structure is used for blister application in pharmaceutical packaging.

General

| | | |
|------------|---|--|
| Features | <ul style="list-style-type: none">• Good Flexibility• Moisture Barrier | <ul style="list-style-type: none">• Oxygen Barrier |
| Uses | <ul style="list-style-type: none">• Barrier Coatings | <ul style="list-style-type: none">• Coating Applications |
| Appearance | <ul style="list-style-type: none">• Milky White | |
| Forms | <ul style="list-style-type: none">• Liquid | |

| Physical | Typical Value Unit |
|--|-------------------------|
| Density | |
| Coating (dry) | 1.650 g/cm ³ |
| Dispersion (wet) | 1.330 g/cm ³ |
| Emulsion Type | Anionic |
| Filmability-Minimum Film Forming Temperature | 17°C |
| PH | 2.5 |
| Solids Content | 60% |
| Surface Tension-Foaming tendency | 47mN/m |
| Viscosity(20°C) | 25 mPa·s |

| Films | Typical Value Unit |
|---|---|
| Oxygen Transmission Rate 25°C,85% RH,1.0 µm | 24 cm ³ /m ² /24 hr |
| Water Vapor Transmission Rate 38°C,90% RH,1.0 µm | 19g/m ² /24 hr |

| Impact | Typical Value Unit |
|--------------------------|----------------------|
| Tensile Impact Strength' | 500kJ/m ² |

| Additional Information | Typical Value Unit |
|------------------------|--------------------|
| Ball Drop Test ' | >900 mm |
| Shelf Life-Latex(23°C) | 12 month |

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STORAGE

- Keep the vessels tightly closed to prevent drying through evaporation. Store the product ideally between 5°C or 25°C (41°F and 77°F) to avoid degradation.

DRYING

Keguan B33 coatings require adequate drying conditions, since, in general, higher temperatures will result in better barrier properties.

FOOD AND DRUG LEGISLATIONS

Necessary certification will be provided upon request.

Notes

Typical properties: these are not to be construed as specifications.

'Coating properties: 40 g/m² PVDC coating on PVC 250 μm stored 6 months at 23 °C, 50% RH