



ORGANİK KİMYA

PRESSURE SENSITIVE ADHESIVE SOLUTIONS

LABELS



We are dedicated to driving value for our customers through seamless collaboration, cutting-edge innovation, and advanced technology, all while prioritizing sustainability and environmental care

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Acrylic Polymer for Self Adhesive Label Applications

ORGAL® AX 1200

ORGAL® AX 1200 is an APEO free acrylic polymer that forms clear, elastic and tacky films when dried.

ORGAL® AX 1200 is suitable for the production of general purpose permanent label applications.

Key Benefits:

APEO-free, low viscosity
acrylic polymer

Suitable for tapes, labels and
other adhesive applications

Provides aggressive initial tack
and good adhesion on low
surface energy substrates

Formulation prepared with
ORGAL® AX 1200 can be applied
with different coating configurations
such as meyer-bar, reverse roll,
reverse gravure etc

Technical Specifications:

Solid Content: 67% ± 1

Viscosity (Brookfield LV 3/60): 500 - 1000 cps

pH Level: 6.5 - 7.5

Tg: -42°C

Application and Formulation Tips

- Add 0.5 -1% DOSS-type wetting agent to achieve a uniform coating on the siliconized liner
- Increase the viscosity with commercially available thickeners such as ASE or PU thickeners as needed
- Viscosity increases when the pH rises
- Compatible with tackifier dispersions

Performance Properties (at 18-21 g/m² dry coat weight on 28µm BOPP film):

Peel adhesion (AFERA 5001 & FTM 1 & PSTC 101), on SS, N/25 mm	10.0 – 14.0
Loop tack (AFERA 5014 & FTM 9 & PSTC 16), on SS, N/25 mm	13.0 – 15.0
Shear Strength, (AFERA 5012 & FTM 8 & PSTC 107), on SS, min.	900 – 1200

Regulatory Compliance:

FDA CFR 21 Section 175.105

EU Plastics Directive 2011/10/EC compliance

For more information, samples, or technical support, contact us today!

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