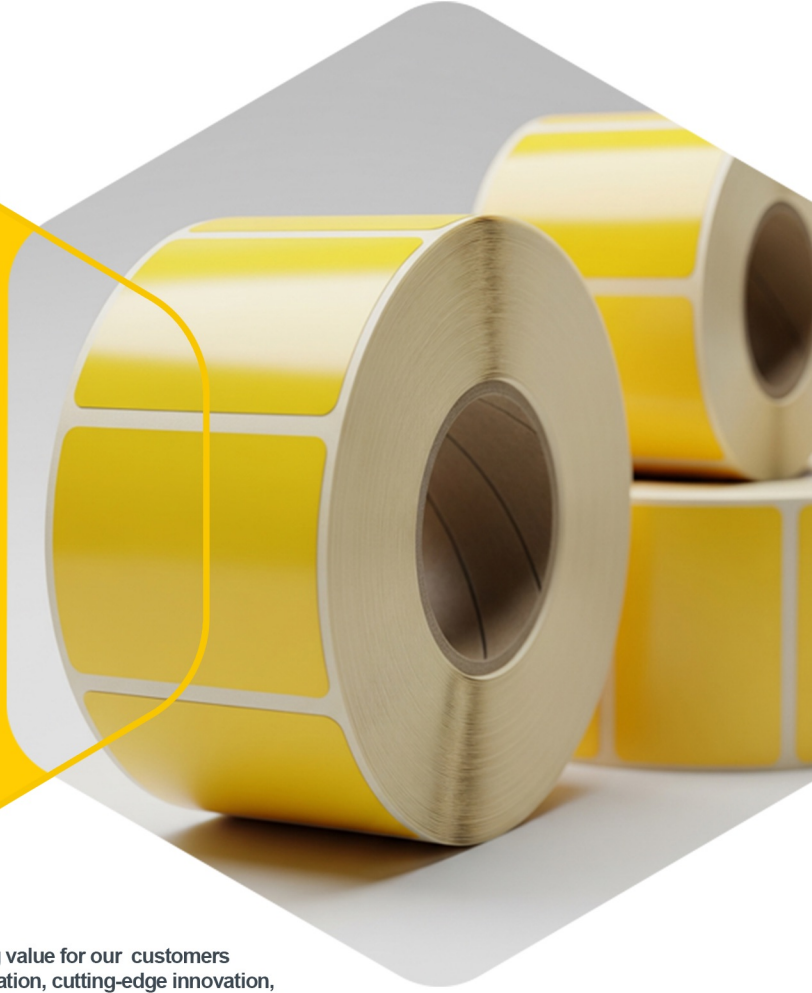




ORGANİK KİMYA

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 Copolymer for Self Adhesive Label Applications

ORGAL® AX 1223

ORGAL® AX 1223 is an acrylic copolymer that can be used in the production of adhesives for self-adhesive materials, including tapes, labels, and other adhesive applications.

It offers well-balanced adhesion and cohesion properties, ensuring versatility across various application areas.

Technical Specifications:

Solid Content: 65% $\pm$ 1

Viscosity (Brookfield LV 3/60): 300 - 800 cps

pH Level: 6.5 - 7.5

Tg: - 37°C

Performance Properties (at 18 - 21 g/m² dry coat weight on coated paper):

Peel Adhesion (AFERA 5001 & FTM 1 & PSTC 101) on Glass, N/25 mm:	16.0 - 18.0
Loop Tack (AFERA 5014 & FTM 9 & PSTC 16) on Glass, N/25 mm:	15.0 - 18.0
Shear Strength (AFERA 5012 & FTM 8 & PSTC 107) on Glass, min:	5000 - 8000 CF

Regulatory Compliance:

FDA CFR 21 Section 175.105 compliant

EU Plastics Directive 2011/10/EC compliance

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

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Key Benefits:

Strong Adhesion

Ensures excellent bonding to multiple surfaces.

Versatility

Suitable for tapes, labels, and other adhesive applications.

Enhanced Wettability

Improved wettability on siliconized liners with a DOSS-type wetting agent (0.5-1.0%).

Customizable Viscosity

Can be adjusted with thickeners.
Viscosity increases when the pH rises.

Performance Optimization

Enhanced performance on low surface energy substrates by adding rosin ester tackifier dispersions.