

PRESSURE SENSITIVE ADHESIVE SOLUTIONS

SPECIALTY TAPES



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



High-Performance Acrylic Polymer for Specialty Tape Applications

ORGAL® AX 1220

ORGAL® AX 1220 is an APEO-free, low Tg acrylic polymer that forms clear, elastic, and tacky films when dried. ORGAL® AX 1220 offers a well-balanced tack and cohesion, making it ideal for high coat-weight PSA applications.

Key Benefits:

APEO-free
Environmentally responsible

Balanced Performance
Superior tack & moderate cohesion

Compatible with rosin ester
tackifier dispersions

Technical Specifications:

Solid content: 65% ± 1

Viscosity, Brookfield RV 4/20: 5000 - 8500 cps

pH: 5.5 - 7.0

MFFT: <0°C

Performance Properties (Test Conditions: 50 g/m² dry coating on 50 µm PET film)

Peel adhesion (AFERA 5001 & FTM 1 & PSTC 101), on SS, N/25 mm	23.0 - 28.0 CF
Loop tack (AFERA 5014 & FTM 9 & PSTC 16), on SS, N/25mm	20.0 - 23.0
Shear Strength, (AFERA 5012 & FTM 8 & PSTC 107), on SS, min.	1500 – 3000 CF

Cohesive failure (CF): The adhesive film is split during the test, leaving residue of adhesive on both the panel and the front material.

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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