

Impranil® A 2067

Super-soft polyacrylic dispersion
for materials with porous surfaces



Super-soft polyacrylic dispersion for primers that smooth porous substrates

Impranil® A 2067 is high-molecular-weight acrylic copolymer elastomeric emulsion with over 50% solid content, for primers applied on porous substrates. Rough and porous surfaces can be made even by applying a thin coating layer as primer. When the coated primer is not soft enough, or penetrates too much into the substrate, the coated article becomes stiff, and the haptics are not as expected. Impranil® A 2067 solves this issue. Both the free film and the substrate coating are very soft. Therefore, formulated primer coatings based on Impranil® A 2067 enable a super-soft handfeel in the materials they coat.

Impranil® A 2067 offers improved heat aging, and therefore excellent thermal yellowing resistance. The film appearance after aging at 120°C for 8 hours is still good. Impranil® A 2067 shows very good compatibility with the wax and oil additives commonly used in production. It's also compatible with post-treatment finishing processes such as iron treatment, which flattens the coated material substrate with heat and pressure. Combined with local supply, these properties ensure smooth-running production processes.

Competitive soft binder: free film appearance before and after heat aging (dry film thickness 0.7 mm)

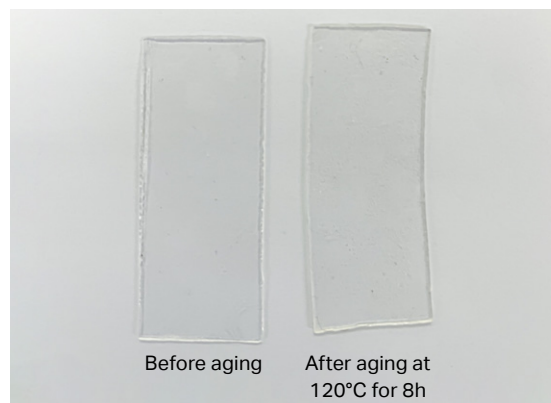


Key benefits of Impranil® A 2067:

- Enables super-soft handfeel
- Compatible with post-treatment finishing processes
- Excellent thermal yellowing resistance
- Good compatibility with wax and oil additives
- High solid content (>50%)
- Formulation doesn't contain substances like formaldehyde and APEO

Properties	Value	Method
Non-volatile content	52 - 54%	DIN EN ISO 3215
pH value	7.5 - 8.5	DIN ISO 976
Viscosity at 23°C	< 200 mPa·s	DIN EN ISO 3219/A.3
Modulus at 100%	0.20 MPa	DIN 53504
Elongation at break	1,200%	DIN 53504
Tensile strength	2.2 MPa	DIN 53504
ΔE after aging at 120°C for 8h (500-micron wet thickness)	< 0.5	

Impranil® A 2067: free film appearance before and after heat aging (dry film thickness 0.7 mm)



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¹Please see the "Guidance on Use of Covestro Products in a Medical Application" document.

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Covestro LLC
1 Covestro Circle
Pittsburgh, PA 15205
USA

insqin.com
info@covestro.com