



# AYPOLS

The Trusted Chemistry

## BUTTON RESINS

Resins for Superior Performance Wood Coatings

AYPOLS brings  
The **Trusted Chemistry**,  
The **Trusted Products**,  
The **Trusted Performance**,  
**Trusted Services** and a  
**Trusted Partner** through its  
Innovation, Quality Assurance,  
Research & Developments to  
absolute Customer Service with  
practical Technical Support.



 [www.aypolspolymers.com](http://www.aypolspolymers.com)

**AYPOLS**  
Unsaturated Polyester Resins

**VESPOL**  
Vinyl Ester Resins

**NEXGEL**  
Premium Gelcoats

**NEXCOAT**  
Premium Coating Resins

**NEXTINT**  
Premium Pigments



## Key Benefits of Polyester Resins for Buttons:

- Unsaturated Polyester Resin suitable for manufacturing of buttons with rod and centrifugal casting methods.
- Excellent clarity and transparency.
- Ideal hardness and flexibility balances.
- Best curing characteristics.
- Compatible with pearlescent colors and pigment pastes.

## AYPOLS Button Resin Product Line:

AYPOLS RESIN	PRODUCT	KEY POINTS
AYPOLS OT 3101 NA	Orthophthalic based non-accelerated unsaturated polyester resin, High viscosity (1200-2000 cps) and medium reactivity resin	A-grade high quality resins for centrifugal casting processes and sheet casting buttons. Excellent clarity and transparency.
AYPOLS OT 3102 NA	Orthophthalic based non-accelerated unsaturated polyester resin, medium viscosity (1000- 1500 cps) and medium reactivity resin	A premium high quality resins for centrifugal casting processes and sheet casting buttons. Excellent clarity and transparency.
AYPOLS OT 3103 NA LV	Orthophthalic based non-accelerated unsaturated polyester resin, low viscosity (800- 1000 cps) and medium reactivity resin	This resin is specialized for shirt button production. Suitable for centrifugal casting method. Excellent compatibility with high Pearl Colors
AYPOLS OT 3104 NA	Orthophthalic based non-accelerated unsaturated polyester resin, medium viscosity (1000- 1300 cps) and medium reactivity resin for Rod Casting.	This resin is specialized for premium button production. Suitable for Rod casting method. Excellent compatibility with high Pearl Colors
<i>All the above series of Products have different versions for Gel time, Viscosity based on Process Condition and application needs.</i>		
<i>Catalyst Systems: • Most installers Use Cobalt Octate 6% and Nouryon Butanox M 50</i>		

## Key Benefits of Aypols Button Resins:

- Color- Clear like Water- Better Transparency in Buttons
- Gel time: Consistent 7- 9 Min, less headache for repeated testing
- Flexibility: Sheet flexibility High- Less Rejections, high Savings
- Cycle Time: Less appx. 20-25 Min, Savings on Power & Labor
- UV Additives: High quality UV, much better Retardancy to Yellowing
- Compatibility: High with Pearl Colors due to high Additive dosages
- Peak Exotherm: Less PE, Less Curing time, Less rejections.
- High Solid Contents: More Nos. of Buttons per kg Resin
- Suitable for manufacturing of buttons with rod and centrifugal casting methods

★ The Trusted Chemistry    ★ The Trusted Products    ★ The Trusted Performance  
 ★ The Trusted Services    ★ The Trusted Partner

*For more information, related to the above product line, please call/ Email/ Send Enquiry-*



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