

Wood and paper industry products

More than 50 years of expertise in the production of water-based polymer dispersions

We started the operations of water-based polymer dispersion back in the '60s with the production of vinylic adhesives. Through the years FAR has updated processes and products to meet the customers' expectations for high quality high performance binders.

For the packaging industry we have a wide range of products, from high to low solid dispersions. Customers can adjust setting times and working times appropriately when working with the coupling of paper and corrugated boards. The vinylic copolymer Neolith 240BM stands out for its ability to glue the paper to non adsorbing difficult substrates.



| Tipo | Kartex | Sistema stabilizzante | Secco (%) | Viscosità Brookfield -RVT (mPa.s.) | pH | TMF (°C) | Proprietà applicative |
|---------------------------------|----------------|-----------------------|-----------|------------------------------------|-----|----------|--|
| Omopolimeri plastificati | 5501 P18 | PVOH | 55 | 2000 | | 1 | Tempo aperto lungo e tempo di presa rapido |
| | 4303 P8 X | PVOH | 43.5 | 3200 | 4.5 | <5 | Polimero plastificato di base |
| | 4300 | PVOH | 44 | 3000 | 4 | <5 | Forte adesione iniziale |
| | 540 D | PVOH | 55 | 2500 | 4.5 | <5 | Rapidità di presa |
| | 4604 P8 | PVOH | 45 | 3500 | 6 | <5 | Per carte porose |
| | 3803 P8 | PVOH | 39 | 3000 | 4.5 | <5 | Polimero plastificato di base |
| | 5205 P4 | PVOH | 53 | 4700 | 7 | <5 | Rapidità per carte porose |
| Vinyl/Maleic copolymer | Neolith 240 BM | C | 55,5 | 11000 | 4 | 1 | Non-porous and paper supports bonding |
| Vinyl/Maleic copolymer | Neolith 230BM5 | C-S | 55 | 7500 | 5 | 6 | Incollaggi speciali e Termoadesivo |

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For the wood industry, besides the traditional 50% and 60% homopolymers binders, our range includes Neolith 599LD and Neolith 595HSS, which are particularly suited for the glueing of hard wood, offering high creep resistance and high tear of the wood substrates when adhesion tests under compression are performed.

| Tipo | Neolith | Sistema stabilizzante | Secco (%) | Viscosità Brookfield -RVT (mPa.s.) | pH | TMF (°C) | Proprietà applicative |
|-------------------------------|---------|-----------------------|-----------|------------------------------------|-----|----------|--|
| Omopolimeri modificati | 595HSS | PVOH | 50 | 37000 | 4.5 | 6 | Adesivo ad elevata velocità di presa |
| | 45L | PVOH | 53 | 20000 | | 5 | Adesivo di uso generale |
| | 50L | PVOH | 41 | 20000 | | 2 | Adesivo di uso generale riutilizzabile |
| | 3012P3 | PVOH | 31 | 11000 | 5 | 4 | Adesivo ad uso generale a film trasparente |
| Termovil | 53 P3 | PVOH | 53 | 15000 | | 1 | Adesivo ad uso generale a film trasparente |

In the last year our range has also improved with Policril 540, a specific pure acrylic binder for the formulation of stick adhesives, replacing effectively more expensive binders in the industry.

| Tipo | Grade | Sistema stabilizzante | Secco (%) | Viscosità Brookfield -RVT (mPa.s.) | pH | TMF (°C) | Proprietà applicative |
|-----------------|----------|-----------------------|-----------|------------------------------------|-----|----------|---|
| Neolith | TS50 | PVOH | 50 | 42000 | | 8 | Omopolimero con coalescente |
| | TNP60 BV | PVOH; NI | 60 | 2200 | 4.5 | 16 | Omopolimero ad alto secco e bassa viscosità |
| Termovil | NP 60 | PVOH | 60 | 37000 | | 16 | Omopolimero ad alto secco |
| Termovil | 5540 P12 | PVOH | 55 | 42000 | 4.5 | 2 | Omopolimero plastificato |
| Policril | 540 | A | 40 | 300 | 2.5 | | Legante per adesivi in stick |

PVOH: polivinilalcole; **C:** derivato cellulosico; **A:** tensioattivo anionico; **NI:** tensioattivo non ionico