



**NOVOLAK  
RESINS  
RUBBER INDUSTRY**



## RUBBER INDUSTRY (TIRES)

LERG offers novolak resins for use in the tire and rubber industry, where, in a system with a curing agent, they are made into reinforcing components. When added to the raw rubber mixture, they enter into reactions with each other, and not with the rubber, to yield a resite network that penetrates the rubber during vulcanisation. They are traded in the form of drops or flakes.

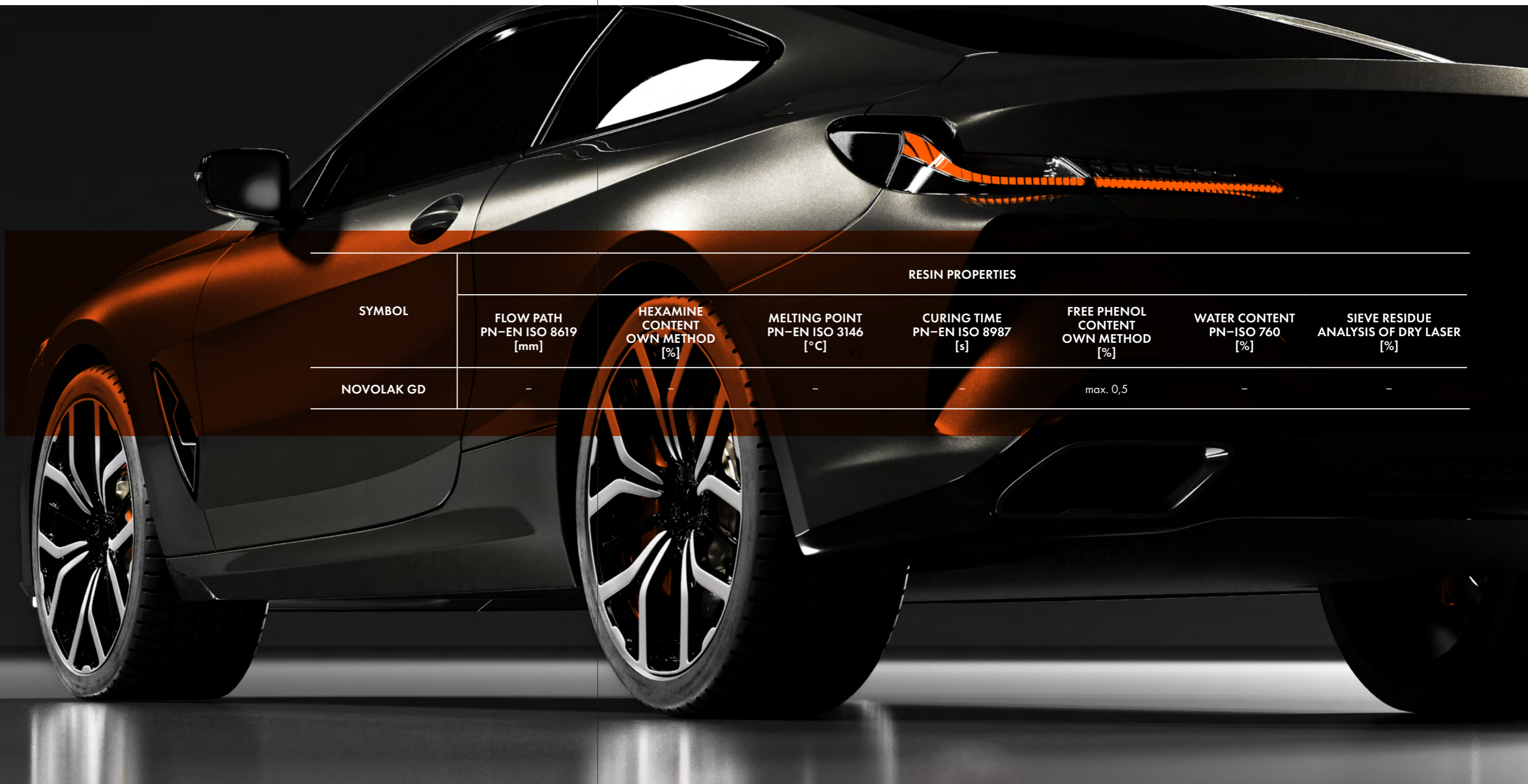
We also offer phenolic resins in water solutions, which are used as a component in impregnating baths for polyamine and polyester fabrics in the production of conveyor belts, V-belts and other textile-rubber products.





NOVOLAK  
GD

RUBBER  
INDUSTRY  
(TIRES)



| SYMBOL     | FLOW PATH<br>PN-EN ISO 8619<br>[mm] | HEXAMINE<br>CONTENT<br>OWN METHOD<br>[%] | MELTING POINT<br>PN-EN ISO 3146<br>[°C] | RESIN PROPERTIES                     |   |                                    |   |
|------------|-------------------------------------|--|---|--------------------------------------|---|------------------------------------|---|
|            |                                     |  |   | CURING TIME<br>PN-EN ISO 8987<br>[s] | FREE PHENOL<br>CONTENT<br>OWN METHOD<br>[%] | WATER CONTENT<br>PN-ISO 760<br>[%] | SIEVE RESIDUE<br>ANALYSIS OF DRY LASER<br>[%] |
| NOVOLAK GD | -                                   | -  | -                                       | -                                    | max. 0,5                                    | -                                  | -   |





## **WE DEVELOP RESINS THAT MEET INDIVIDUAL CUSTOMER REQUIREMENTS**

Every year, Lerg markets around 100 new and upgraded products. The quality of its products has been acknowledged by numerous awards and quality certificates, including DNV GL, ISO 9001:2015 Management System Certificate or the Intelligent Development Polish Award and European Quality Certificate.

Lerg has a well-equipped R&D facility and collaborates with international R&D centres, constantly developing innovative solutions for its Customers to cater for their performance-optimised process needs.

Due to the variety of applications of novolak resins as well as specific production profiles of our Customers, technologists from LERG's R&D department lead continuous cooperation with Customers adjusting parameters of resins to their needs, provide professional implementation service, as well as conduct technical and application trainings in the field of resin processing.



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