

Zetpol® 2030L

Acrylonitrile Butadiene Rubber

Zeon Corporation

Message:

ZETPOL® HYDROGENATED NITRILE ELASTOMERS (HNBR) provide superior service in tough environment applications. Zetpol shows not only much higher resistance than NBR elastomers to heat, sour gasoline, and ozone, but it also provides excellent retention of properties at temperatures ranging from -40°C to +160°C. When properly compounded, Zetpol is suitable for applications where high strength at high temperature is required. Zetpol displays lower brittleness temperature than NBR with the same volume swell in gasoline, is more cost effective than FKM, and exhibits minimal deterioration when exposed to special oil additives. Zetpol resists crude oil, diesel oil, amine corrosion inhibitors, steam, and acids, making it an excellent choice for molded parts and hoses used in oilfield applications, both exploration and production. Zetpol provides excellent service up to 125°C in both animal fat and vegetable fat based biodiesel fuels, providing superior service in hose, gaskets, and seals used in automotive and heavy vehicle operations. Finally, Zetpol offers excellent service in multi-rib and timing belt applications due to its long-term dynamic performance, strength, and ozone resistance.

Special Properties/Applications

Highest level of unsaturation available. Provides excellent dynamic properties. Especially suited for rolls and dynamic oil field component applications.

FDA compliant.

| General Information | | |
|---------------------|---------------------------------|-------|
| Features | High temperature strength | |
| | Ozone resistance | |
| | Gasoline resistance | |
| | Fuel resistance | |
| | Heat resistance, high | |
| | acid resistance | |
| | Oil resistance | |
| | Steam resistance | |
| Uses | Conveyor belt repair | |
| | Washer | |
| | Pipe | |
| | Seals | |
| | Application in Automobile Field | |
| | Oil/Gas Supplies | |
| Agency Ratings | FDA not rated | |
| Physical | Nominal Value | Unit |
| Specific Gravity | 0.948 | g/cm³ |
| Mooney Viscosity | 50 - 65 | MU |
| ACN Content | 36 | % |
| Iodine Number | 57.0 | |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

