Gazpromneft Rubber Oil NT

Rubber process oil

Gazpromneft Rubber Oil NT is non-carcinogenic high viscosity paraffinic process oil with low sulphur content. This process oil is a pure mineral oil manufactured via the solvent process offering good compatibility with natural and synthetic rubbers. It is mostly recommended for tire and rubber compound or general-purpose carrier applications. Gazpromneft Rubber Oil NT is compliant with REACH Regulation 1907/2006, Annex XVII (Item 50).

Applications

- Extender oil in the manufacture of tyres and rubbers
- Variety of applications in polymer compounding such as adhesives, sealants and mastics
- General-purpose carrier oil

Features	Advantages & Potential Benefits
Excellent performance	Improves tire performance and enhance the processing of tire compounds and rubber chemicals
Multipurpose application	Applicable for wide range of rubbers and chemicals which can be used to reduce the number of plasticizers and solvents required on site
Non-carcinogenic oil	Comply with the requirements of the restriction №50 of the Annex XVII of REACH related to Polycyclic Aromatic Hydrocarbons content in tyres, rubber and plastics components
High flash point	Suitable for both cold and hot vulcanization. Reduced storage and handling hazards
Good low temperature performance	The oil structure provides plasticity retention and good performance of the product even under low temperatures

Typical Characteristics

Properties	Method	Gazpromneft Rubber Oil NT
Density @15°C	ASTM D4052	894
Refractive Index @20°C	ASTM D1218	1.4926
Flash Point COC, °C	ASTM D92	268
Pour Point, °C	ASTM D97	minus 14
Kinematic viscosity @100°C, mm^2/s	ASTM D445	22
Kinematic viscosity @40°C, mm^2/s	ASTM D445	294
Sulphur, wt%	ASTM D6481	0.14
Carbon Type Distribution: Ca/Cn/Cp, wt%	ASTM D2140	6/28/68
Saturated/Aromatic/Polar compounds, wt%	IP469	57/40/3
Viscosity Gravity Constant (VGC)	ASTM D2140	0.810
Aniline Point, °C	ASTM D611	118
Benzo(a)pyrene content, mg/kg	EN 16143	<0.1
Sum of 8 PAH contents, mg/kg	EN 16143	0.6
PCA content, wt%	IP 346	0.6

Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.

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