

Gazpromneft TDAE B

Extender Oil

Gazpromneft TDAE B is non-cancerogenic process oil meeting the existing global health and safety demands. Gazpromneft TDAE B improves process performance of rubber and tire compounds. Its high aromatic content helps to provide excellent compatibility with both natural and synthetic rubbers.

Applications

Gazpromneft TDAE B can be used as softener and plasticizer in rubber or tire manufacturing process.

Features	Advantages and Potential Benefits
Non-cancerogenic	Gazpromneft TDAE B contains less than 10 ppm of polycyclic aromatic hydrocarbons (PAH) and meets stringent requirements of European Regulation (EC) No. 1907/2006. Registration number per REACH: No. 01-2119463885-24-0010
High aromatic content	Unique production technology helps to obtain green oils with composition similar to conventional process oils. It helps to substitute oils with high PAH content without performance compromises
Excellent compatibility with natural and synthetic rubbers	Gazpromneft TDAE B can be used in production of rubbers with wide range application and all tire parts
Low glass transition temperature	Gazpromneft TDAE B allows producing rubbers with improved low-temperature performance (winter tires)

Typical Characteristics

Properties	Method	Gazpromneft TDAE B
Density @20°C, kg/m ³	ASTM D 445	940,0
Kinematic viscosity @100°C, mm ² /s	ASTM D 445	34,0
Refractive Index @20°C	ASTM D 1218	1,5115
Flash Point COC, °C	ASTM D 92	272
Pour Point, °C	ASTM D 97	12
Sulfur content, wt%	ASTM D 6481	1,1
Aniline Point, °C	ASTM D 611	87,0
Carbon Type Distribution, wt% Ca/Cn/Cp	ASTM D 2140	18/58/24
Saturated/Aromatic/Polar compounds, wt%	IP469	28/68/4
Glass Transition Point, °C	ASTM E 1356	< -50
PCA content, wt%	IP 346	2,9

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.