

**PRODUCT: Paraffin wax**

**Paraffin wax** is a white or colorless soft solid derivable from petroleum, coal or oil shale that consists of a mixture of hydrocarbon molecules containing between twenty and forty carbon atoms.

**Application:**

Paraffin wax is used as an additive in producing tires, insulating them from ozone and avoiding cracks occurring in them. Also it is used as additives in the production of printing inks and varnishes to improve the resistance of the products to friction or scratching or to achieve a certain appearance and to act as a barrier to moisture. It is also used as a ligand material for enamels, lubricating agents, corrosion protection, etc.

Items	Unit	Standards
Melting Point	°C	54 – 56
Penetration at 25 °C	0,1 mm	12 – 18
Oil Content	Wt%	max. 0,5
Viscosity at 100 °C	mm <sup>2</sup> /s	3,0 – 4,0
Color, Saybolt	-	min. +28
Density at 80 °C	kg/m <sup>3</sup>	typ. 777
Purity Requirements FDA	-	complies
Purity Requirements Eur. Pharm	-	complies