

Technical Data Sheet

Yellow Petroleum Jelly (MO. 21 A)



Introduction:

Yellow Petroleum Jelly (MO21A) is a mixture of long chain hydrocarbons with characteristics between those of oils and waxes, and is a specially selected grade suitable for use as a rubber compounding ingredient or for electrical applications such as cable compounds, electrical moulded goods or paper insulation impregnation. It is used where good colour is important, i.e.:

- Pre-dispersions.
- Also as a plasticiser or processing aid in white sheeting, extrusions and in appearance parts.
- Gives a controlled degree of bloom, which protects against ageing.

Typical Characteristics:

Product Description			
	Colour	Amber / Yellow	
	Physical State	Waxy solid.	
Composition			
	Blend of hydrocarbons and highly refined mineral oils		
Properties			
	Property	Unit	Value
	Drop point	°C	60
	Penetration @ 25°C (Cone)		141 (unworked)
	Flash Point	°C	193 (Pensky-Marten)
	Viscosity @ 100°C	cSt	13
	Acidity as oleic acid	%	0.2
	Saponification value		0.08
	Power factor		0.003 @ 60°C 0.007 @ 80°C
	Volume resistivity		1.5 x 10 ¹³ @ 60°C 1.5 x 10 ¹² @ 80°C

Shelf Life:

Shelf life is indefinite, but a maximum of 3 years is recommended, when stored dry in a benign atmosphere.

Packaging:

Open-top steel drums, with lever-lock lids, containing 170 kilos. 20 kg polypacks in a PE bag within a cardboard box.

Health & Safety:

Detailed advice on the Health & Safety aspects of this product is given in the individual product Safety Data Sheet (SDS), available upon request.