



Aral Autin SL

Medical white oil

Applications:

Aral Autin SL is a highly refined medical white oil (Paraffinum perliquidum). It fulfills the requirements of Ph Eur 1999 (European Pharmacopoeia and German Medicine Book/Deutsches Arzneibuch), USP 23 - NF 18 1995 (US pharmacopoeia), FDA § 178.3620 a and § 172.878 (US Food and Drug Administration) and BGA 155. Mitteilung (German Federal Board of Health). This product is tasteless, odourless and colourless and has a good low temperature conduct as well as an excellent aging and UV stability.

Aral has successfully submitted this product to the strict requirements of the high-quality standard DIN EN ISO 9001. This certification gives you an additional safety assurance with this products quality and the service that can be expected from Aral.

Operational area:

Aral Autin SL is excellent for the use as a plasticizer for sophisticated types of rubber and plastic. Furthermore Autin SL can be used as a starting material, for preparations in the cosmetic and pharmaceutical industry.

Technical Data

Saybolt Colour		ASTM D156-94	+30
Density			
15 °C	g/ml	DIN 51757	0,878
Refractive index (n _{20D})		DIN 51423	1,480
Viscosity			
20 °C	mm ² /s	DIN 51562	240
40 °C	mm ² /s	DIN 51562	70
100 °C	mm ² /s	DIN 51562	8,2
Viscosity-gravity constant		DIN 51378	0,813
Refractive index		DIN 51378	1,042
Carbon distribution			
CA	%	DIN 51378	0
CN	%	DIN 51378	39
CP	%	DIN 51378	61
Neutralization number	mg KOH/g	DIN 51558-1	0,01
Flash point COC	°C	DIN ISO 2592	220
Pourpoint	°C	DIN ISO 3016	-27
Evaporation loss			
at 250 °C (Noack)	w%	DIN 51581	11
Distillation range	°C	DIN 51751	375 - 530
Aniline point	°C	DIN ISO 2977	114
Sulphur content	mg/kg	DIN 51400-6	< 0,01
Iodine number (Wijs)		DIN 51559	0,07
Molecular weight		ASTM D2502	445
Oxide ash	Gew. %	DIN EN ISO 6245	< 0,01

Remarks:

All data is subject to development for the product and the production process.

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