



Paraffinic Oil

Paraffinic Oil produced by PERTAMINA refinery Unit IV cilacap is processing oil from the paraffinic type with composition of Paraffinic Hydrocarbon, Napthenic and small quantity of Aromatic Hydrocarbon.

Paraffinic Oil marketed by PERTAMINA consist of two types which are Paraffinic 60 and Paraffinic 95. Paraffinic 95 is a heavier fraction compare to paraffinic 60, therefore the color is darker.

Application / Benefit

Paraffinic Oil is general used as processing oil for rubber final production with a light color as :

- Supporting chemical material in rubber goods producer such as vehicle tire, fan belt, spare parts.
- Processing oil and extender for nature rubber and synthetic rubber polymer
- Base oil for printing oil.

Paraffinic Oil Specification

Paraffinic Oil 60

Paraffinic Oil 60

No.	Specification	Method	Min	Max
1	Flash Point COC °F	ASTM D -92	400	-
2	Pour Point °F	ASTM D -97	-	8
3	Refractive Index at 20°C	ASTM D -1218	1.4750	1.4815
4	Viscosity Gravity Constant	ASTM D -2501	0.8095	0.8205
5	Colour ASTM, 1% dilution	ASTM D -1500	-	0.5
6	Specific Gravity at 60/60°F	ASTM D - 1298	0.8640	0.8735
7	Viscosity Kinematic at 210°F Cst	ASTM D - 445	4.5	5.0
8	Aniline Point °C	ASTM D -611	96	103

Paraffinic Oil 95

Paraffinic Oil 95

No.	Specification	Method	Min	Max
1	Flash Point COC °F	ASTM D -92	410	-
2	Pour Point °F	ASTM D -97	-	15
3	Refractive Index at 20°C	ASTM D -1218	1.4800	1.4900
4	Viscosity Gravity Constant	ASTM D -2501	0.8100	0.8330
5	Colour ASTM, 1% dilution	ASTM D -1500	-	0.5
6	Specific Gravity at 60/60°F	ASTM D - 1298	0.8760	0.8850
7	Viscosity Kinematic at 210°F Cst	ASTM D - 445	6.9	7.6
8	Aniline Point °C	ASTM D -611	100	109

The specification above is valid when printed, for actual specification please contact Pertamina