



Product Name Process Oil 600

Description Paraffinic process oil
The Process Oil 600 is a paraffinic process oil for general purpose.

Typical Characteristics

Characteristic	Units	Method	Minimum	Typical	Maximum
Density at 15°C	kg/l	ASTM D4052		0.8910	
Appearance	-	Visual		Clear and Bright	
Viscosity at 40°C	cSt	ASTM D445	109	114	125
Viscosity at 100°C	cSt	ASTM D445		12.08	
Viscosity Index	-	ASTM D2270	95	95	
Pour Point	°C	ASTM D5950		-6	-6
Aniline Point	°C	ASTM D611		105.7	
Flash point, C.O.C.	°C	ASTM D92	265	277	
ASTM color	-	ASTM D1500			2
Micro carbon residue	% wt.	ASTM D4530		0.08	0.15
Sulphur	% wt.	ASTM D4294		1.07	
Acid no.	(mg. KOH/g.)	ASTM D664			0.05
Crackle Test		CEPSA		Negative	
Ash Content	% (w/w)	ASTM D482		<0.001	
Water Content (Karl-Fischer)	ppm	ASTM D6304		118	
* Carbon Distribution					
% Paraffinics		IR BRANDES		65.2	
% Naphthenics				30	
% Aromatics				4.8	

Purity:

- **Meets 21 CFR 178.3620(c):** Non Food Use



Masimo Chemicals South Africa (Pty) Ltd

Technical Data Sheet

Process Oil 600

- Upon customer's request, the PCA extract test will be performed by the IP 346 Method, with a specified value of <3.0% (by mass).

(*) The characteristics marked with an asterisk are considered as informative purposes, and they are not listed in the quality certificate.

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