

PARAMOUNT PARAFFINIC PROCESS OILS are produced by ChevronTexaco's modern all-hydroprocessing technology. All-hydroprocessing substantially lowers the aromatic content of the oil and transforms undesirable aromatics into highly desirable saturates.

Physical Properties	Methods	1001	2401	6001
Viscosity at 100F, SUS	ASTM D2161	107	214	589
Viscosity at 210F, SUS	ASTM D2161	40	48	69
Viscosity at 40C, cst	ASTM D445	20.4	41.5	113.0
Viscosity at 100C, cst	ASTM D445	4.1	6.4	12.4
API Gravity, 60F	ASTM D4052	34.4	31.8	30.4
Specific Gravity, 60F	ASTM D4052	0.8529	0.8665	0.8740
Weight, lb/gal	ASTM D4052	7.10	7.22	7.28
Viscosity Gravity Constant	ASTM D2501	0.8028	0.8061	0.7980
Molecular Weight	ASTM D2502	397	438	582
Pour Point, C	ASTM D5950	-14	-13	-15
Color	ASTM D1500	L0.5	L0.5	L0.5
UV Absorptivity @ 260nm	ASTM D2008	0.0098	0.0119	0.0076
Volatility – Mass% @ 225F	ASTM D972	0.52	0.09	0.02
Flash Point, COC, F	ASTM D92	415	446	518
Sulfur, ppm	ICP/XRF	10	10	10
Refractive Index at 20C	ASTM D1218	1.4682	1.4752	1.4781
Aniline Point, F	ASTM D611	220	238	257

PARAMOUNT PARAFFINIC PROCESS OILS have low aromatic content that can help achieve better solubility in compounding and offers good color, UV stability and resistance to heat.

Chemical Properties	Methods	1001	2401	6001
Clay-gel mass, %	ASTM D2007			
Asphaltenes		0.0	0.0	0.0
Polar Compounds		0.1	0.1	0.1
Aromatics		0.5	1.3	3.1
Saturates		99.4	98.6	96.8
Carbon type by ndM	ASTM D3238			
%Carbon in paraffinic structure		68	66	70
%Carbon in naphthenic structure		32	34	30
%Carbon in aromatic structure		0	0	0
Carbon type analysis, %	ASTM D2140			
Ca		<1	<1	<1
Cn		34	35	30
Cp		66	65	70
Aromatics by HPLC	ChevronTexaco	<1	<1	<1
Saturates by HPLC	ChevronTexaco	>99	>99	>99
21 CFR 178.3620 (C)	FDA	Pass	Pass	Pass

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