

INKER 100

Naphthenic Ink Oil

This severely hydrotreated naphthenic printing ink oil has a low odor level, and good solvency and volatility.

TEST DESCRIPTION		TEST METHOD	SPECIFICATIONS		MARKETING VALUES
			Min	Max	
Physical Properties					
1	Viscosity, SUS at 100°F(37.8°C)	ASTM D 445	100	121	112
2	Viscosity, SUS at 210°F(98.9°C)	ASTM D 445			38.1
3	Viscosity, cSt at 40°C(104°F)	ASTM D 341	18.9	22.8	21.1
4	Viscosity, cSt at 100°C(212°F)	ASTM D 341			3.5
5	API Gravity, 60°F(15.6°C)	ASTM D 1250			24.6
6	Specific Gravity, 60°F(15.6°C)	ASTM D 4052			0.9065
7	Viscosity- Gravity Constant	ASTM D 2501			0.8686
8	Density, lbs/gal at 60°F	ASTM D 1250			7.549
9	Molecular Weight	ASTM D 2502			298
10	Flash Point, COC, °F(°C)	ASTM D 92	325(163)		350(177)
11	Color, ASTM	ASTM D 6045		1.0	L0.5
12	Pour Point, °F(°C)	ASTM D 5949		-30(-34)	-60(-51)
13	Water Content	ERTM-1	PASS		PASS
14	Appearance	ERTM-2	PASS		PASS
Chemical Properties					
1	Aniline Point, °F(°C)	ASTM D 611	155.0(68.3)	170.0(76.7)	165.8(74.3)
Health and Safety Properties					
1	Polycyclic Aromatic Compounds, wt%	IP 346		3	<3
2	Modified Ames Assay	ASTM E 1687	PASS		PASS

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