

RPER P70N

Product Data Sheet

This severely hydrotreated paraffinic process oil provides excellent color stability and low volatility. It passes the IP 346 labeling requirement.

TEST DESCRIPTION		TEST METHOD	SPECIFICATIONS		MARKETING VALUES
			Min	Max	
Physical Properties					
1	Viscosity, SUS at 100°F(37.8°C)	ASTM D 445	60.0	75.0	68.8
2	Viscosity, SUS at 210°F(98.9°C)	ASTM D 445			35.9
3	Viscosity, cSt at 40°C(104°F)	ASTM D 341			11.8
4	Viscosity, cSt at 100°C(212°F)	ASTM D 341			2.9
5	API Gravity, 60°F(15.6°C)	ASTM D 1250			33.6
6	Specific Gravity, 60°F(15.6°C)	ASTM D 4052			0.8567
7	Viscosity- Gravity Constant	ASTM D 2501			0.8184
8	Density, lbs/gal at 60°F	ASTM D 1250			7.136
9	Molecular Weight	ASTM D 2502			318
10	Flash Point, COC, °F(°C)	ASTM D 92	330(166)		370(189)
11	Color, ASTM	ASTM D 6045		1.5	1.0-5
12	Pour Point, °F(°C)	ASTM D 5949		5(-15)	0(-18)
13	Volatility, wt%, 225°F (Evap. Loss)	ASTM D 972			3.95
14	Water Content	WTP-OP-001	PASS		PASS
15	Appearance	WTP-OP-020	PASS		PASS
Chemical Properties					
1	Acid Number, mg KOH/g	ASTM D 664			0.01
2	Aniline Point, °F(°C)	ASTM D 611	190.0(87.8)	210.0(98.9)	205.4(96.3)
3	Sulfur, wt%	ASTM D 4294			0.0004
4	Sulfur, ppm	ASTM D 4294			4
5	Refractive Index, 20°C (68°F)	ASTM D 1218			1.4699
6	UV Absorptivity at 260nm	ASTM D 2008			0.10
7	Clay-Gel, wt%	Asphaltenes	ASTM D 2007		<0.01
		Polar Compounds			0.1
		Aromatics			6.2
		Saturates			93.7
8	Carbon Type Analysis, %	Ca	ASTM D 2140		0
		Cn			38
		Cp			62
Health and Safety Properties					
1	Polycyclic Aromatic Compounds, wt%	IP 346		3	< 3
2	Modified Ames Assay	ASTM E 1687	PASS		PASS
3	FDA Regulation	21 CFR 178.3620 (C)	PASS		PASS

Disclaimer: It makes no warranties, representation or conditions of any kind expressed or implied for use with respect to these products. Final determination of suitability of the products for the application contemplated by the user is solely their responsibility.