

RPER V175BS

Product Data Sheet

This severely hydrotreated 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 341			5091
2	Viscosity, SUS at 140°F(60°C)	ASTM D 445			1166
3	Viscosity, SUS at 210°F(98.9°C)	ASTM D 445	179.0	229.0	204
4	Viscosity, cSt at 40°C	ASTM D 341			928
5	Viscosity, cSt at 100°C	ASTM D 341			42
6	API Gravity, 60°F(15.6°C)	ASTM D 1250			23.9
7	Specific Gravity, 60°F(15.6°C)	ASTM D 4052			0.9106
8	Viscosity- Gravity Constant	ASTM D 2501			0.8150
9	Density, lbs/gal at 60°F	ASTM D 1250			7.589
10	Molecular Weight	ASTM D 2502			732
11	Flash Point, COC, °F(°C)	ASTM D 92	540(283)		580(304)
12	Color, ASTM	ASTM D 6045		4.0	2.0
13	Pour Point, °F(°C)	ASTM D 5949		60(16)	40(4)
14	Volatility, wt%, 225°F (Evap.Loss)	ASTM D 972			0.10
15	Water Content	ERTM-1	PASS		PASS
16	Appearance	ERTM-2	PASS		PASS
17	Glass Transition Temperature (Tg), °C	ASTM D 3418			-57
Chemical Properties					
1	Conradson Carbon Residue, wt%	ASTM D 4530			
2	Acid Number, mg KOH/g	ASTM D 664			0.01
3	Aniline Point, °F(°C)	ASTM D 611	245(118)	265(129)	254(123)
4	Sulfur, wt%	ASTM D 4294			0.0540
5	Sulfur, ppm	ASTM D 4294			540
6	Refractive Index, 20°C (68°F)	ASTM D 1218			1.5002
7	UV absorptivity at 260nm	ASTM D 2008			2.55
7	Clay-Gel, wt%	Asphaltenes	ASTM D 2007		<0.01
		Polar Compounds			2.9
		Aromatics			31.5
		Saturates			65.6
8	Carbon Type Analysis, %	Ca	ASTM D 2140		7
		Cn			27
		Cp			66
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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