



R.E. Carroll, Inc.

Raw Materials • Fillers • Petroleum Products

1570 NORTH OLDEN AVENUE • TRENTON, NEW JERSEY 08638-3204

609/695-6211 • 800-257-9365 • FAX 609/695-0102

www.recarroll.com

PRODUCT SPECIFICATION

RAFFEX 90

Aromatic Process Oil

REC Update: 05/24/16

Properties	Method	Typical	Min.	Max.
Viscosity, SUS @100F	D2161	3852.0		
Viscosity, SUS @210F	D2161	81.9	80.0	100.0
API Gravity	D287	10.9	9.5	12.0
Specific Gravity @60F	D1250	0.9937	0.9861	1.0035
Density, lb/gal @60F	D1250	8.276	8.212	8.358
Color	D1500	D8.0		
Flash Point, COC, F	D92	410	380	
Pour Point F	D97	45		
Viscosity-Gravity Constant	D2501	0.946		
Refractive Index, 20C	D1218	1.5535	1.5400	1.5690
Mixed Aniline Point, F	D611	109		115
Sulfur, wt%	D2622	1.11		
Clay-Gel Analysis, wt%	D2007			
Asphaltenes		Nil		0.5
Polar Compounds		17		18
Aromatics		65	55	
Saturates		18		25
Carbon-Type Analysis %	D2140			
Ca		41		
Cn		38		
Cp		21		

Taken from COA dated 05/24/16