



SPECIALTY PRODUCTS PARTNERS, L.P.

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■ TECHNICAL ASSISTANCE

If you have questions regarding these products or their technical specifications, please contact your sales representative or Calumet Technical Services at 1-800-437-3188.

ALIPHATIC SOLVENTS TYPICAL PROPERTIES

Test Name	Test Method	HP IsoHexane	Hexane	150-190<1%	180-210<1%	185-208<1%	200-230<1%	210-245<1%	VM&P<1%	Mineral Spirits	Mineral Spirits<1%	300-360<1%	142 Flash <1%	LVP 100	LVP 200	LVP 300	600 Solvent	Conosol 145	Conosol 170	Conosol 170ES	Conosol 200	Conosol 215	Conosol 260	Conosol 340
Gravity, API, 60F	D4052	82	76.2	72.8	65.1	67.2	62.5	63	59.8	53.1	53.9	55	50.1	46.3	42.7	41.8	40.0	42.8	41.2	39.6	39.6	48.9	37.8	32.1
Pounds Per Gallon @ 60F	D1250	5.516	5.687	5.805	5.995	5.895	6.053	6.056	6.126	6.416	6.392	6.320	6.530	6.690	6.810	6.775	6.931	6.763	6.744	6.886	6.830	6.567	6.931	7.137
Flash, TCC (T), PMCC (P), COC (C), °F	D56, D93, D92	-	-	-	16(T)	18(T)	32 (T)	51 (T)	60 (T)	103 (T)	107 (T)	102 (T)	144 (T)	200 (P)	242 (P)	265 (C)	272 (C)	148 (T)	179 (P)	190 (P)	206 (P)	215 (P)	282 (P)	332 (C)
Color (Saybolt)	D156	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	26	30	30	30	30	30	30	30
Refractive Index @ 25 C	D1218	-	-	-	-	-	-	1.4024	1.409	1.4263	1.4215	1.4786	1.4283	1.4379	1.4413	1.4488	1.4536	1.4434	1.4459	1.4507	1.453	1.4571	1.4574	1.4663
Aromatics, Vol %	D1319	<1.0	<1.0	0.2	<1.0	<1.0	<1.0	<1.0	<1.0	9.16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.9	0.2	<0.5	5	0.26	0.2	0.23	0.28
Distillation, °F, IBP	D86	134	150	156	180	197	211	210	248	303	316	309	373	431	488	500	509	372	398	406	449	440	537	604
5%	D86	137	152	160	182	200	214	214	253	319	327	316	381	438	494	511	524	385	414	421	453	449	548	609
10%	D86	137	153	160	182	200	214	215	254	323	329	317	381	439	495	514	526	387	419	427	455	450	550	611
20%	D86	137	153	161	182	200	215	215	256	330	333	320	383	440	496	517	531	393	427	433	457	452	554	612
30%	D86	137	153	162	183	201	216	216	257	338	338	323	385	442	497	521	536	398	429	440	458	466	556	617
40%	D86	138	153	163	183	201	217	217	259	342	342	325	386	444	499	526	538	403	439	445	462	457	563	614
50%	D86	138	154	164	183	202	218	218	261	349	347	328	388	445	501	531	542	407	445	452	466	459	569	616
60%	D86	138	154	165	184	202	219	220	263	356	353	331	391	448	503	536	547	414	451	458	470	462	575	617
70%	D86	139	155	167	185	203	221	222	267	364	361	335	394	451	506	543	552	420	458	464	476	465	581	619
80%	D86	139	156	170	186	204	224	225	271	375	371	340	398	455	510	551	558	428	468	474	482	469	589	621
90%	D86	140	158	175	188	206	230	231	278	391	388	349	405	461	517	564	567	441	482	490	493	476	599	625
95%	D86	141	160	181	190	207	237	238	286	407	400	348	411	468	525	577	576	452	495	512	504	482	607	629
DP/EP (EP noted)	D86	142	162	182	192	208	237	241	289	420	405	362	414	473	532	590	589	561	514	512	516	498	616	637
Specific Gravity, 60/60F	D1250	0.6628	0.6813	0.6925	0.7197	0.7121	0.7294	0.7275	0.7391	0.7706	0.7632	0.7584	0.7792	0.7598	0.8123	0.8165	0.8247	0.8122	0.8191	0.827	0.8268	0.78854	0.8353	0.8649
Aniline Point, F	D611	-	144.9	140.5	146	143.4	138.6	138.9	148.6	154	163.5	160.1	170.5	170.3	181.7	199.4	179.7	156.1	166.1	157.6	165	183.2	189.3	198
Kauri-Butanol Value	D1133	27	28.2	32.2	34.2	29.1	31.3	32.0	31.8	30	31.2	31.4	31.4	28.0	27.5	25.3	24	30.6	29.5	32.8	29.5	25.2	23.7	23.7
Viscosity, CST @ 40C	D445	-	-	-	-	-	-	-	-	-	-	-	-	1.94	2.83	3.54	3.69	1.58	2	2.09	2.18	1.98	4.6	9.26
Meets CARB Requirements		-	-	-	-	-	-	-	-	-	-	-	-	Yes	Yes	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes
Vapor Pressure, mmHg20C	CARB-ARB310	-	-	-	-	-	-	-	-	-	-	-	-	0.13	0	<0.1	0.018	-	-	-	0.11	0.1	0.015	0.0006

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