

**CEREPLAS™ Base Esters Range - Typical Physical Properties**

CEREPLAS™ Esters		Principal component	CAS N°	Viscosity (mm <sup>2</sup> /s ) ASTM D445			Viscosity Index	Flash Point (°C) ASTM D92	Pour Point (°C) ASTM D97	Boiling Range Distribution			Volatility 205°C/6 hrs /wt loss (%wt) ASTM D972	Noack (%wt) CEC L-40-A	Conradson Carbon Residue (%wt) ASTM D189	Acid Value (mgKOH/g)	Water content (% w/w)
TYPE	GRADE			20°C	40°C	100°C				IBP °C	50% °C	FBP °C					
Trimellitates	OTM	Tri octyl trimellitate	3319-31-1	301	85,8	9,4	82	260	-42	416	484	523	5,23	3,5	0,07	0,05	0,05
	L8TM	Tri linear octyl trimellitate	89-04-3	120	43,6	7,1	123	268	-54	N/A	N/A	N/A	N/A	N/A	N/A	0,07	0,05
	L810TM	Tri linear 8 10 trimellitate	90218-76-1	139	49,4	7,9	129	278	-48	449	525	>538	2,28	1,4	0,21	0,05	0,05
	IDTM	Tri iso decyl trimellitate	36631-30-8	500	125,9	12,3	86	272	-39	450	525	>538	4,64	1,4	0,1	0,04	0,05
	B68TM	Mix of Trimellitates		N/A	68,7	8,7	98	270	-42	N/A	N/A	N/A	N/A	N/A	N/A	0,03	0,03
	B100TM	Mix of Trimellitates		N/A	101,5	10,6	85	267	-42	N/A	N/A	N/A	N/A	N/A	N/A	0,03	0,02
Adipates	DOA	Di octyl adipate	103-23-1	15	7,59	2,33	128	205	-63	277	388	416	56,98	40,2	0,10	0,01	0,05
	DIDA	Di iso decyl adipate	27178-16-1	27	13,53	3,53	148	223	-63	401	426	483	15,75	13,4	0,01	0,01	0,05
	DTDA	Di iso tridecyl adipate	26401-35-4	60	26,9	5,37	138	241	-57	428	464	482	32,06	6,0	0,01	0,01	0,05
Sebacates	DOS	Di octyl sebacate	122-62-3	23	11,5	3,24	160	224	-63	N/A	N/A	N/A	N/A	N/A	N/A	0,01	0,05
	DIDS	Di isodecyl sebacate	28473-19-0	42	19,2	4,67	172	252	-54	N/A	N/A	N/A	N/A	N/A	N/A	0,01	0,05
Terephthalates	100XS	Di octyl terephthalate	6422-86-2	85	29,2	4,5	27	218	-69	N/A	N/A	N/A	N/A	N/A	N/A	0,01	0,02

**Note: The values reported are typical properties and do not constitute specification limits, whilst N/A means not available**

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