

## ***Resins for solvent based and hot melt applications***

PRODUCT	TYPE	Softening Point (°C)	Gardner Color	Acid value	ISMT	MMAP	Mn	Mz	Mw	Tg mid (°C)
DELTOLINE DEG 2	DEG ester of rosin	40	4	15	> 95	-17	430	550	500	-7
DELTOLINE P2L	Pentaerythritol ester of rosin	98	2	10	55	3	880	1500	1100	49
DELTOLINE PLS	Pentaerythritol ester of rosin	100	2.5	8	53	3	890	1400	1100	50
GRANOLITE P	Pentaerythritol ester of gum rosin	100	3	15	55	5	900	1500	1100	51
DELTOLINE P 105	Pentaerythritol ester of rosin	105	2.5	13	46	7	850	1500	1200	56
DELTOLINE P 110	Pentaerythritol ester of rosin	110	4	10	40	6	1250	4300	2100	62
GRANOLITE P 118	Pentaerythritol ester of gum rosin	118	5	15	45	1	900	1700	1500	74
GRANOLITE SG	Glycerol ester of gum rosin	85	6	15	64	-10	580	800	650	39
DELTOLINE G2L	Glycerol ester of rosin	85	2	11	59	-4	625	850	700	39
DELTOLINE SG2	Glycerol ester of rosin	85	2.5	14	59	-5	600	900	700	35
DELTOPOLINE P 125	PE ester of polymerised rosin	128	6	12	47	3	850	2000	1300	80
HYDROGRAL G	Glycerol ester of hydro. rosin	81	6	9	62	7	580	700	650	39
HYDROGRAL P	PE ester of hydrogenated rosin	97	11	15	61	9	630	1000	800	48

ISMT, MMAP, Molecular weights of all resins are given as indicative values. THESE ARE NOT SALES SPECIFICATIONS.

ISMT is an indication of the polarity of the resin (High ISMT value = high polarity)

MMAP is an indication of the aromaticity / aliphaticity of the resin (low MMAP = more aromaticity).



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PRODUCT	TYPE	Softening Point (°C)	Gardner Color	Acid value	ISMT	MMAP	Mn	Mz	Mw	Tg mid (°C)
DERTOPHENE T	Terpene phenolic resin	95	4.5	< 1	61	26	500	900-1200	500-800	40
DERTOPHENE T 105	Terpene phenolic resin	105	4.5	< 1	65	26	500	900-1200	500-800	55
DERTOPHENE T 115	Terpene phenolic resin	120	5	< 1	69	25	500	900-1200	500-800	66
DERTOPHENE T 135	Terpene phenolic resin	134	5	< 1	60	35	700	1300	1000	82
DERTOPHENE H 150	Terpene phenolic resin	118	4	< 1	> 95	-5	500	900-1200	500-800	71
DERTOPHENE 1510	Terpene phenolic resin	147	6	< 1	88	-2	800	1400	1000	105
DERCOLYTE LTG	Terpene Liquid resin	liquid	< 6	< 1	50	60	300-450	800-1100	560-680	-20
DERCOLYTE A 115	Polyterpene resin (alpha pinene)	115	4	< 1	36 (25)	75	600	1400	900	69
DERCOLYTE S 115	Polyterpene resin (beta pinene)	115	4	< 1	24 (60)	94	1100	4000	2300	70
DERCOLYTE M 115	Polyterpene resin ( $\alpha$ & $\beta$ pinene)	115	4	< 1	30 (40)	81	700	2500	1300	68
DERCOLYTE TS 105	Terpene styrene resin	105	< 1	< 1	35 (10)	47	600	2000	1000	59

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