

Reactive Hott Melt Data

Reaction products of DYNACOLL® with 4,4'- diphenylmethane diisocyanates (MDI) as a ratio of OH : NCO = 1 : 2.2

Grade	Properties					Melt Viscosity
	Softening Point (R&B) [°C]	Open Time [s]	Setting Time [s]	Tensile Strength [N/mm ²]	Elongation at Break [%]	130 °C [Parallel plate] [Pa·s]
Amorphous						
7110	64	10	1		brittle	3
7111	71	6	1		brittle	13
7130	88	1	1		brittle	45
7131	88	1	1		brittle	50
7140	102	1	< 1		brittle	700
7150	105	< 1	< 1		brittle	400
Liquid						
7210	45	several hours	several hours	15	800	5
7230		several hours	several hours	15	900	9
7231		several hours	several hours	15	900	8
7250		several hours	several hours	15	1,500	9
7255	40	several hours	several hours	30	1,100	5
Crystalline						
7362	55	130	35	25	500	2
7360	59	80	15	25	500	4
7363	61	50	15	25	500	11
7365	63	50	15	20	550	18
7361	63	50	10	20	550	30
7381	67	35	3	20	80	5
7380	73	20	1	20	20	5
7330	85	35	3	25	15	3
7320	87	40	35	35	600	48
7340	97	120	60	30	700	12
7331	110	90	30	30	500	20
7390	118	20	10	30	10	4
7321	123	40	15	35	400	30