Anderson Development Company

Young's Modulus Data (in Tension, psi)*

TDI Polyester

Product	Young's Modulus
8 APLM	2000
8 APFLM	2700
8-5 APLS	5900
8-6 APSLM	3600
9 APLM	6600
9 APFLM	6600
5 DPLM	13000
5 DPFLM	18000
6 DPLM	40000
7 DPLM	75000

TDI PTMEG

Product	Young's Modulus
1-83 AP	4800
80-5 AP	4700
90 AP	7400
2-90 AP	8200
2-92 AP	10500
2-95 AP	12700
1-95 AP	16500
2-60 DP	35000
2-72 DP	53000
1-75 DP	119000

TDI PPG

Product	Young's Modulus
8000 AP	2000
8200 AP	4500
8500 AP	4300
9000 AP	7500
9200 AP	7800
9500 AP	10000
6500 DP	52000
7501 DP	77000

LFTDI Polyester

Product	Young's Modulus
7-3 APLF	1900
8 APLF	3500
8-3 APLF	4200
8-5 APLF	5500
9 APLF	7500
9-3 APLF	10000
9-5 APLF	11000
6 DPLF	32000

LFTDI PTMEG

Product	Young's Modulus
70 APLF	1800
80 APLF	2600
85 APLF	5400
90 APLF	5900
93 APLF	11700
95 APLF	17000
60 DPLF	28000
70 DPLF	61000
75 DPLF	124000

LFTDI PPG

Product	Young's Modulus
8000 APLF	3500
9500 APLF	14000
6500 DPLF	37000
7501 DPLF	73000

MDI Polyester

Product	Young's Modulus
M 8-5 AP	3200
BA-M 9-3 AP	7200
M 9-5 AP	10000
HC BA-M 9-5 AP	16000

MDI PTMEG

Product	Young's Modulus
M 75 AP	1200
M 80 AP	1800
M 85 AP	3000
M 90 AP	4000
M 95 AP	9000
M 52 DP	17000

MDI PPG

Product	Young's Modulus
M 8700 AP	5000
M 9200 AP	5000

Values calculated from tangent line of initial linear slope of stress/strain curve as measured by our electromechanical load frame/extensometer

***All TDI products cured the Curene 442 (MBOCA) and MDI products with Curene 45 (1,4 butanediol**