

# Anderson Development Company



## Young's Modulus Data (in Tension)\*

<b>Polyester</b>		<b>PTMEG</b>		<b>Ether/Ester</b>	
Product	Young's Modulus	Product	Young's Modulus	Product	Young's Modulus
8 APLM	2000	1-83 AP	4800	700 APX	2500
8 APFLM	2700	80-5 AP	4700	800AP	3300
8-5 APLS	5900	90 AP	7400	850AP	5500
8-6 APSLM	3600	2-90 AP	8200	2-920 AP	8100
9 APLM	6600	2-92 AP	10500	950 AP	14500
9 APFLM	6600	2-95 AP	12700	800DP	181000
5 DPLM	13000	1-95 AP	16500		
5 DPFLM	18000	2-60 DP	44000		
6 DPLM	40000	2-72 DP	44000		
7 DPLM	75000	1-75 DP	119000		
<b>LFTDI Polyester</b>		<b>LFTDI PTMEG</b>		<b>PPG</b>	
Product	Young's Modulus	Product	Young's Modulus	Product	Young's Modulus
7-3 APLF	1900	70 APLF	1800	8000 AP	2000
8 APLF	4000	80 APLF	2600	8200 AP	4500
8-3 APLF	3500	85 APLF	5400	8500 AP	4300
8-5 APLF	5500	90 APLF	5900	9000 AP	7500
9 APLF	7500	93 APLF	11700	9200 AP	7800
9-3 APLF	10000	95 APLF	17000	9500 AP	10000
9-5 APLF	11000	60 DPLF	21000	6500 DP	52000
6 DPLF	32000	70 DPLF	80000	7501 DP	77000
		75 DPLF	124000		
<p><b>Values calculated from tangent line of initial linear slope of stress/strain curve as measured by our electromechanical load frame/extensometer</b></p> <p><b>*All products cured the Curene 442 (MBOCA)</b></p>					
		<b>LFTDI PPG</b>			
Product	Young's Modulus	Product	Young's Modulus	Product	Young's Modulus
		8000 APLF	3500		
		9500 APLF	14000		
		6500 DPLF	37000		
		7501 DPLF	73000		