

# Anderson Development Company

Dial-a Durometer (DAD) using Andur 7-3 APLF and Andur 7 DPLM cured with Curene 107

Andur 7-3 APLF(wt%)	100	90	80	70	60	50	40	30	20	10	0
Andur 7 DPLM (wt%)	0	10	20	30	40	50	60	70	80	90	100
% NCO (calc.)	2.30	2.82	3.34	3.86	4.38	4.90	5.42	5.94	6.46	6.98	7.50
Stoichiometry (actual)	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Hardness, Shore	21D (71A)	24D (77A)	27D (83A)	31D (88A)	36D (92A)	41D (95A)	46D (96A)	51D	56D	62D	68D
Elongation, %	700	700	690	680	670	640	600	550	500	440	360
Tensile Strength, psi	6600	6800	7000	7000	7000	6700	6700	6700	6700	6700	6700
100% Modulus, psi	440	510	590	690	820	980	1200	1500	1800	2100	2700
300% Modulus, psi	740	850	950	1100	1300	1600	2000	2500	3100	4000	5000
Die C Tear, pli	350	380	410	440	470	510	560	650	750	850	920
Split Tear, pli	180	180	240	230	350	390	460	490	470	600	530
Compression Set											
22 hrs @ 70 C	32	38	43	47	52	68	83	85	90	98	***
Compress. Deflect.											
@5%	50	60	80	120	160	200	250	290	340	430	640
@10%	120	140	180	300	390	490	680	940	1200	1600	2200
@15%	200	220	280	470	600	740	1000	1400	1800	2300	3300
@20%	280	300	380	600	760	930	1200	1700	2200	2900	3800
@25%	360	390	480	730	900	1100	1400	1900	2400	3200	4100
Bashore Rebound, %	50	40	36	36	37	40	43	45	46	48	50