

# Anderson Development Company

Dial-a-Durometer (DAD) using Andur 8000 APLF and Andur 6500 DPLF cured with Curene 107

Andur 8000 APLF (wt%)	100	90	80	70	60	50	40	30	20	10	0
Andur 6500 DPLF (wt%)	0	10	20	30	40	50	60	70	80	90	100
% NCO (calc.)	3.60	3.99	4.38	4.77	5.16	5.55	5.94	6.33	6.72	7.11	7.50
Potlife (min., sec)	22	18	14	10	8	7	6	5	4	3.5	3
Demold Time (min.)	75	65	55	45	35	30	25	20	20	15	15
Hardness, Shore	80A (25D)	83A (28D)	86A (31D)	90A (34D)	93A (38D)	95A (43D)	96A (48D)	97A (52D)	56D	60D	64D
Elongation, %	610	570	560	550	500	480	460	440	420	390	350
Tensile Strength, psi	2300	2600	3000	3400	3700	4200	4700	4800	4900	5000	5100
100% Modulus, psi	760	840	920	1100	1200	1400	1600	1800	2000	2200	2600
300% Modulus, psi	1100	1200	1300	1600	1900	2200	2500	2900	3300	3800	4300
Die C Tear, pli	220	250	270	300	330	360	400	450	520	600	700
Split Tear, pli	55	65	75	90	110	120	130	140	160	180	190
Compression Set											
22 hrs @ 70 C	64	68	73	76	79	87	91	94	100	100	100
Compress. Deflect.											
@5%	110	120	140	190	220	270	330	430	530	630	730
@10%	220	250	300	400	490	640	830	1100	1400	1700	2200
@15%	330	380	450	590	730	940	1200	1500	1900	2400	3300
@20%	440	500	590	750	910	1100	1400	1800	2200	2700	3600
@25%	560	630	730	900	1100	1300	1600	2000	2400	3000	4200
Bashore Rebound, %	58	51	46	46	46	49	52	55	56	57	57