

# Anderson Development Company

Dial-a-Durometer (DAD) using Andur 85 APLF and Andur 80 DPLF cured with MBOCA

Andur 85 APLF (wt%)	100	90	80	70	60	50	40	30	20	10	0
Andur 80 DPLF (wt%)	0	10	20	30	40	50	60	70	80	90	100
% NCO (calc.)	3.35	4.10	4.84	5.59	6.33	7.08	7.82	8.57	9.31	10.06	10.80
Stoichiometry (actual)	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Potlife (minutes)	15	11	7.25	6.0	5.0	4.0	3.25	2.5	1.75	1.5	1.25
Demold Time (minutes)	40	30	20	20	20	20	15	15	15	15	15
Hardness, Shore	85A	90A	94A (42D)	96A (49D)	97A (55D)	60D	65D	71D	75D	78D	81D
Elongation, %	470	420	380	340	300	270	240	210	190	180	170
Tensile Strength, psi	4800	5200	5600	5900	6200	6500	6800	7100	7500	8200	9000
100% Modulus, psi	880	1100	1500	2000	2500	3000	3870	4550	5300	6250	7400
300% Modulus, psi	1600	2200	3100	4000	5000	----	----	----	----	----	----
Die C Tear, pli	330	400	460	510	570	650	750	920	1140	1270	1380
Split Tear, pli	40	55	70	90	110	130	160	200	250	280	240