

Anderson Development Company

Dial-a-Durometer using Andur 8000 AP and Andur 7500 DP cured with MBOCA

Andur 8000 AP (wt %)	100	90	80	70	60	50	40	30	20	10	0
Andur 7500 DP (wt %)	0	10	20	30	40	50	60	70	80	90	100
% NCO	3.50	3.87	4.23	4.60	4.96	5.33	5.69	6.06	6.42	6.79	7.15
Hardness, Shore	80A (25D)	83A (28D)	86A (31D)	90A (36D)	94A (42D)	96A (49D)	55D	60D	65D	70D	75D
Elongation, %	420	380	340	310	290	270	260	240	220	210	200
Tensile Strength, psi	2100	2800	3100	3400	3900	4400	4900	5300	5700	6000	6200
100% Modulus, psi	540	740	960	1300	1600	1900	2500	3100	3600	4200	5200
300% Modulus, psi	1200	1900	2500	3100	****	****	****	****	****	****	****
Die C Tear, pli	220	230	250	270	320	360	440	540	660	800	1000
Split Tear, pli	55	40	50	65	80	100	120	140	160	180	210
Compression Set											
22 hrs @ 70 C	24	27	27	27	29	32	36	43	****	****	****
Compress. Deflect.											
@5%	90	120	150	190	240	280	340	410	500	650	850
@10%	200	250	340	440	590	770	1000	1300	1800	2400	3000
@15%	320	400	520	700	910	1200	1600	2100	2700	3500	4400
@20%	410	510	700	880	1200	1500	2100	2700	3500	4400	5400
@25%	500	640	810	1100	1400	1800	2400	3200	4100	5100	6200
Bashore Rebound, %	20	21	25	30	33	36	42	48	51	52	52