

PORON® Urethane Foams

PORON® Urethane CFD Curve Data

% Deflection

PRODUCT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
15-06021	0.07	0.10	0.12	0.15	0.16	0.17	0.19	0.21	0.22	0.25	0.25	0.26	0.27	0.28	0.29	0.31	0.33	0.33	0.34	0.35
15-06030	0.07	0.11	0.15	0.18	0.20	0.23	0.25	0.26	0.28	0.30	0.31	0.32	0.32	0.33	0.34	0.35	0.35	0.37	0.38	0.40
15-06039	0.13	0.21	0.27	0.33	0.38	0.40	0.43	0.45	0.47	0.48	0.50	0.51	0.52	0.54	0.55	0.57	0.57	0.58	0.59	0.61
92-25031	0.27	0.61	1.00	1.35	1.70	2.04	2.32	2.61	2.89	3.17	3.38	3.55	3.70	3.84	3.96	4.08	4.17	4.27	4.37	4.51
92-20081	0.26	0.53	0.80	1.08	1.28	1.51	1.71	1.87	2.06	2.20	2.33	2.43	2.49	2.57	2.64	2.68	2.74	2.80	2.86	2.91
92-15125	0.23	0.38	0.55	0.71	0.85	0.98	1.11	1.22	1.30	1.36	1.43	1.45	1.50	1.54	1.55	1.55	1.59	1.63	1.65	1.68
60-25062	1.55	5.48	11.38	17.71	24.01	30.21	36.26	42.15	47.85	53.25	58.43	63.20	67.55	71.47	75.02	78.19	81.11	83.84	86.41	88.93
60-20031	1.35	4.44	8.87	13.60	18.28	22.74	26.95	30.86	34.42	37.66	40.51	42.98	45.10	46.92	48.53	49.97	51.22	52.45	53.64	54.84
60-15250	3.06	7.13	11.11	14.75	17.94	20.67	22.95	24.75	26.08	27.23	28.25	29.15	30.07	30.93	31.74	32.54	33.29	34.04	34.74	35.44
50-30045	2.04	4.67	7.74	10.93	14.10	17.23	20.26	23.17	25.95	28.49	30.84	32.99	34.91	36.64	38.18	39.63	41.00	42.30	43.57	44.81
50-30017	1.35	2.40	4.16	6.28	8.46	10.73	13.01	15.16	17.31	19.27	21.14	22.88	24.38	25.87	27.06	28.24	29.33	30.39	31.43	32.45
50-20125	1.59	3.19	4.69	6.16	7.52	8.79	9.94	10.96	11.85	12.58	13.19	13.69	14.17	14.52	14.86	15.19	15.49	15.78	16.09	16.39
50-15375	1.22	2.59	3.86	5.01	6.04	6.91	7.61	8.23	8.67	8.99	9.28	9.49	9.71	9.89	10.07	10.24	10.41	10.59	10.76	10.96
41-30045	1.10	2.12	3.40	4.91	6.50	8.19	9.82	11.43	13.02	14.51	15.94	17.25	18.49	19.66	20.71	21.72	22.69	23.61	24.56	25.52
41-20093	1.23	2.31	3.44	4.51	5.53	6.55	7.45	8.33	9.10	9.79	10.39	10.94	11.44	11.91	12.35	12.78	13.22	13.64	14.08	14.53
40-30045	1.28	3.03	5.02	7.22	9.45	11.66	13.84	16.02	18.03	19.94	21.71	23.33	24.82	26.18	27.42	28.60	29.72	30.84	31.91	33.00
40-30031	1.39	3.05	4.92	6.95	8.97	10.98	12.94	14.79	16.52	18.14	19.60	20.85	21.95	22.96	23.90	24.73	25.54	26.29	27.04	27.78
40-20062	1.22	2.11	2.99	3.82	4.59	5.28	5.89	6.41	6.87	7.25	7.56	7.84	8.09	8.32	8.52	8.71	8.92	9.12	9.28	9.45
40-15250	0.96	1.64	2.28	2.85	3.37	3.83	4.16	4.47	4.67	4.87	5.00	5.13	5.22	5.37	5.48	5.63	5.72	5.83	5.91	6.06
30-25035	0.77	1.36	2.00	2.61	3.22	3.81	4.36	4.88	5.36	5.77	6.12	6.44	6.72	6.97	7.20	7.40	7.63	7.84	8.05	8.23
30-20062	0.64	1.05	1.46	1.87	2.29	2.62	2.94	3.24	3.45	3.67	3.79	3.94	4.04	4.18	4.29	4.38	4.48	4.58	4.70	4.79
30-15375	0.30	0.63	0.86	1.13	1.34	1.52	1.64	1.77	1.87	1.98	2.07	2.12	2.22	2.28	2.34	2.41	2.44	2.50	2.58	2.62

* All values are pounds per square inch

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PORON® Urethane CFD Curve Data

% Deflection

PRODUCT	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
15-06021	0.35	0.36	0.37	0.38	0.40	0.41	0.42	0.42	0.44	0.45	0.47	0.48	0.50	0.51	0.53	0.56	0.57	0.58	0.60	0.63
15-06030	0.40	0.41	0.42	0.43	0.44	0.44	0.46	0.47	0.48	0.49	0.50	0.51	0.53	0.54	0.56	0.57	0.59	0.61	0.63	0.65
15-06039	0.62	0.63	0.64	0.66	0.67	0.68	0.70	0.71	0.73	0.75	0.76	0.78	0.80	0.82	0.84	0.85	0.88	0.90	0.93	0.96
92-25031	4.61	4.71	4.84	4.94	5.05	5.20	5.33	5.48	5.65	5.84	6.02	6.20	6.42	6.63	6.85	7.06	7.36	7.72	8.01	8.38
92-20081	2.98	3.03	3.08	3.14	3.21	3.27	3.35	3.42	3.50	3.62	3.70	3.76	3.87	3.96	4.09	4.21	4.31	4.45	4.60	4.74
92-15125	1.71	1.73	1.77	1.77	1.81	1.85	1.87	1.90	1.94	1.97	2.03	2.04	2.10	2.16	2.19	2.23	2.34	2.37	2.38	2.48
60-25062	91.39	93.87	96.36	98.83	101.33	103.92	106.62	109.33	112.26	115.19	118.28	121.48	124.89	128.49	132.28	136.26	140.51	145.06	149.90	155.11
60-20031	56.01	57.16	58.41	59.68	60.92	62.25	63.62	65.01	66.48	68.03	69.63	71.33	73.10	74.94	76.91	78.99	81.19	83.49	85.99	88.67
60-15250	36.16	37.63	38.34	39.14	39.92	40.74	41.59	42.48	43.43	44.39	45.39	46.47	47.61	48.79	50.04	51.35	52.76	54.21	55.75	57.37
50-30045	46.05	47.32	48.59	49.90	51.24	52.62	54.04	55.57	57.17	58.84	60.60	62.41	64.44	66.58	68.84	71.31	73.99	76.92	80.09	83.52
50-30017	33.48	34.54	35.61	36.72	37.85	39.00	40.20	41.41	42.78	44.15	45.68	47.28	48.97	50.80	52.66	54.82	56.98	59.50	62.15	65.05
50-20125	16.69	17.00	17.34	17.67	17.98	18.30	18.67	19.06	19.43	19.82	20.24	20.67	21.11	21.58	22.09	22.61	23.16	23.77	24.36	25.03
50-15375	11.16	11.35	11.56	11.77	11.98	12.22	12.42	12.64	12.90	13.13	13.40	13.67	13.95	14.27	14.55	14.88	15.23	15.59	15.95	16.35
41-30045	26.45	27.39	28.39	29.39	30.42	31.50	32.61	33.76	34.98	36.26	37.60	39.04	40.52	42.06	43.78	45.58	47.51	49.60	51.80	54.22
41-20093	14.97	15.41	15.85	16.32	16.80	17.31	17.81	18.34	18.90	19.48	20.05	20.64	21.28	21.94	22.64	23.37	24.14	24.95	25.78	26.67
40-30045	34.06	35.16	36.28	37.41	38.56	39.77	41.01	42.35	43.77	45.23	46.82	48.53	50.36	52.32	54.45	56.77	59.29	62.05	65.07	68.41
40-30031	28.52	29.29	30.07	30.88	31.71	32.56	33.42	34.38	35.36	36.38	37.48	38.63	39.82	41.13	42.55	44.05	45.66	47.40	49.30	51.34
40-20062	9.65	9.87	10.07	10.27	10.48	10.70	10.90	11.16	11.37	11.67	11.90	12.18	12.50	12.78	13.10	13.41	13.79	14.18	14.58	15.01
40-15250	6.18	6.26	6.37	6.44	6.62	6.77	6.92	7.05	7.22	7.33	7.45	7.58	7.79	7.90	8.12	8.34	8.61	8.75	8.96	9.19
30-25035	8.44	8.65	8.87	9.12	9.30	9.55	9.77	10.01	10.25	10.55	10.81	11.08	11.42	11.71	12.04	12.41	12.79	13.20	13.63	14.11
30-20062	4.89	5.00	5.11	5.22	5.34	5.47	5.60	5.73	5.85	5.99	6.14	6.27	6.45	6.61	6.78	6.98	7.19	7.41	7.62	7.86
30-15375	2.71	2.76	2.83	2.90	2.96	3.04	3.10	3.17	3.25	3.34	3.42	3.50	3.61	3.68	3.79	3.87	3.98	4.08	4.21	4.37

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PORON® Urethane CFD Curve Data

% Deflection

PRODUCT	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
15-06021	0.65	0.68	0.70	0.73	0.76	0.79	0.83	0.87	0.92	0.96	1.01	1.07	1.14	1.22	1.30	1.39	1.50	1.62	1.76	1.93
15-06030	0.67	0.69	0.72	0.75	0.78	0.81	0.84	0.88	0.91	0.95	1.00	1.06	1.10	1.17	1.25	1.33	1.41	1.51	1.62	1.74
15-06039	0.98	1.01	1.04	1.07	1.11	1.14	1.18	1.23	1.27	1.32	1.38	1.43	1.48	1.55	1.63	1.71	1.80	1.90	2.00	2.12
92-25031	8.82	9.28	9.80	10.36	11.07	11.84	12.68	13.61	14.69	15.96	17.46	19.18	21.26	23.65	26.55	30.02	34.21	39.48	46.00	54.27
92-20081	4.90	5.05	5.28	5.52	5.75	6.01	6.29	6.61	6.97	7.39	7.86	8.37	8.96	9.62	10.37	11.26	12.26	13.41	14.75	16.29
92-15125	2.53	2.59	2.69	2.77	2.87	2.93	3.06	3.17	3.31	3.47	3.60	3.76	3.93	4.15	4.42	4.71	5.01	5.37	5.71	6.12
60-25062	160.73	166.74	173.18	180.20	187.94	196.26	205.29	213.96												
60-20031	91.47	94.56	97.80	101.30	105.11	109.23	113.73	118.59	123.84	129.63	136.00	142.98	150.69	159.23	168.68	179.04	190.59	203.21	215.22	
60-15250	59.12	60.99	62.98	65.05	67.28	69.58	72.07	74.67	77.39	80.27	83.32	86.52	89.93	93.54	97.48	101.73	106.51	111.77	117.77	124.53
50-30045	87.31	91.58	96.27	101.40	107.17	113.75	121.14	129.45	138.78	149.63	162.05	176.31	192.53	208.69						
50-30017	68.32	71.65	75.73	79.82	84.71	89.87	95.65	102.30	109.48	117.87	127.47	138.26	150.55	164.82	181.27	200.02	219.26			
50-20125	25.72	26.49	27.29	28.19	29.07	30.08	31.18	32.36	33.63	35.07	36.61	38.34	40.23	42.30	44.67	47.32	50.21	53.52	57.26	61.52
50-15375	16.78	17.23	17.69	18.22	18.77	19.33	19.94	20.60	21.33	22.12	22.99	23.92	24.95	26.06	27.28	28.62	30.14	31.79	33.64	35.74
41-30045	56.86	59.68	62.83	66.27	70.00	74.26	78.96	84.20	90.21	96.78	104.19	113.04	122.93	134.63	148.38	164.65	184.23	207.90	225.51	
41-20093	27.60	28.58	29.62	30.66	31.87	33.13	34.49	35.91	37.49	39.17	40.94	42.92	44.80	47.45	50.02	52.83	55.99	59.49	63.40	67.79
40-30045	72.10	76.18	80.74	85.86	91.61	98.07	105.44	113.90	123.66	134.93	148.01	163.48	181.93	203.56	218.05					
40-30031	53.60	56.08	58.80	61.79	65.08	68.75	72.89	77.47	82.69	88.60	95.28	102.94	111.70	121.87	133.60	147.29	163.45	182.80	205.98	
40-20062	15.47	15.98	16.52	17.11	17.71	18.36	19.08	19.89	20.78	21.70	22.74	23.93	25.23	26.72	28.33	30.16	32.17	34.46	37.07	40.01
40-15250	9.43	9.75	10.02	10.34	10.63	10.95	11.40	11.79	12.26	12.70	13.22	13.82	14.46	15.14	15.90	16.77	17.70	18.72	19.92	21.20
30-25035	14.61	15.16	15.75	16.39	17.08	17.88	18.72	19.65	20.69	21.83	23.11	24.59	26.18	27.98	30.08	32.48	35.25	38.46	42.23	46.72
30-20062	8.11	8.38	8.67	8.95	9.34	9.71	10.10	10.53	11.02	11.57	12.14	12.80	13.51	14.33	15.20	16.20	17.33	18.59	20.02	21.67
30-15375	4.46	4.60	4.78	4.94	5.10	5.31	5.49	5.73	5.96	6.22	6.51	6.81	7.14	7.51	7.92	8.40	8.89	9.47	10.11	10.82

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PORON® Urethane CFD Curve Data

% Deflection

PRODUCT	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
15-06021	2.10	2.33	2.61	2.87	3.24	3.67	4.16	4.78	5.53	6.41	7.61	8.98	10.81	13.36	16.26	20.98	25.97	34.32	46.76	66.07
15-06030	1.89	2.07	2.24	2.47	2.74	3.01	3.38	3.86	4.31	4.95	5.71	6.66	7.68	9.14	11.02	13.13	16.22	20.43	25.36	33.27
15-06039	2.26	2.42	2.59	2.80	3.03	3.29	3.61	3.99	4.34	4.81	5.38	6.04	6.84	7.80	8.98	10.44	12.27	14.23	17.12	20.94
92-09030	4.81	5.27	5.79	6.39	7.11	7.95	8.93	10.11	11.52	12.98	15.01	17.51	20.64	24.58	25.66	36.27	45.05	57.20	70.45	
92-12049	4.45	4.83	5.25	5.84	6.41	7.07	7.98	8.91	10.20	11.51	13.09	15.34	17.77	20.78	25.36	30.71	37.85	50.06	59.75	72.51
92-25031	64.98	80.58	103.59	141.54	208.89															
92-20081	18.08	20.24	22.89	26.13	30.17	35.39	42.32	51.53	64.47	84.22	116.13	178.38	220.36							
92-15125	6.63	7.24	7.88	8.64	9.54	10.56	11.73	13.18	14.88	16.91	19.41	22.51	26.33	31.42	38.51	48.71	64.17	89.33	160.54	221.93
60-25062																				
60-20031																				
60-15250	132.16	140.68	150.36	161.35	173.52	187.54	203.21	216.19												
50-30045																				
50-30017																				
50-20125	66.35	71.86	78.14	85.38	93.79	103.69	115.30	128.97	145.40	165.33	190.07	220.56								
50-15375	38.10	40.74	43.72	47.11	50.91	55.32	60.38	66.18	72.95	80.92	90.20	101.18	114.30	130.31	149.80	174.12	204.34	222.94		
41-30045																				
41-20093	72.79	78.42	84.80	92.11	100.53	110.33	121.83	135.32	151.33	170.68	194.33	213.19								
40-30045																				
40-30031																				
40-20062	43.39	47.30	51.78	56.96	63.13	70.41	79.00	89.31	101.89	117.26	136.43	160.90	193.12	218.12						
40-15250	22.69	24.35	26.24	28.37	30.83	33.62	36.86	40.57	44.90	50.01	56.06	63.20	71.91	82.89	96.56	113.84	136.29	166.81	208.96	
30-25035	52.01	58.46	66.23	75.78	87.76	102.90	122.49	150.23	191.70	219.48										
30-20062	23.55	25.71	28.20	31.10	34.50	38.60	43.55	49.56	56.93	66.26	78.41	94.08	116.16	148.54	202.54	219.99				
30-15375	11.61	12.53	13.57	14.74	16.09	17.60	19.36	21.44	23.85	26.71	30.14	34.27	39.41	45.94	54.37	65.68	81.33	104.11	139.86	205.21

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