



SUPER-TECH POLYURETHANE (Class R)

		Color	Yellow	Red	Blue	Yellow	Turquoise	Yellow	Yellow
Hardness at 20°	ISO 7619-1	Shore A	30	40	50	60	70	80	90
Hardness at - 5°	ISO 7619-1	Shore A	33	43	53	62	72	83	93
Hardness at + 80°	ISO 7619-1	Shore A	12	22	38	58	66	75	87
Contrainte à 10%	ISO 37	MPa	0.13	0.17	0.3	0.6	1.0	1.6	3.4
Pressure at 100%	ISO 37	Mpa	0.6	0.8	1.1	1.8	2.8	4.2	7.4
Pressure at 200%	ISO 37	Mpa	0.8	1.0	1.5	2.4	3.9	5.9	10.1
Pressure at 300%	ISO 37	Mpa	1.0	1.4	2.1	3.2	5.3	8.0	13.1
Resistance to traction	ISO 37	Mpa	11.1	14.5	18.9	27.2	28.1	38.9	39.0
Elongation at break	ISO 37	%	778	766	700	643	698	646	616
Tear resistance	ISO 34-1	KN/m	21.67	26.23	32.59	47.38	75.55	89.93	116.50
Tearing strength	ISO 34-1	KN/m	10.00	12.11	14.52	25.00	35.74	44.05	66.11
Impact strength	DIN 53512	%	56	61	65	62	56	54	45
Loss due to abrasion	DIN 53516	mm ³	310	117	52	43	51	41	46
Persistent distortion at compression	ISO 815	%	57	48	35	35	41	34	29
Density	----	----	1.25	1.18	1,2	1.2	1.21	1.23	1.26



POLYURETHANE SUPER-TECH (Classe U)

		Color	Translucent red	Translucent green	Brown	Blue	Beige
Hardness at 20°	ISO 7619-1	Shore A	80	90	95	97	99
	ISO 7619-1	Shore D				60	75
Hardness at - 5°	ISO 7619-1	Shore A	82	91	96	98	99
	ISO 7619-1	Shore D				64	78
Hardness at +80°	ISO 7619-1	Shore A	80	90	95	96	98
	ISO 7619-1	Shore D				50	62
Pressure at 10%	ISO 37	MPa	1.8	3.7	6.1	10.5	27.0
Pressure at 100%	ISO 37	Mpa	3.5	7.1	12.1	18.8	34.9
Pressure at 200%	ISO 37	Mpa	4.7	10.0	18.8	29.0	47.3
Pressure at 300%	ISO 37	Mpa	6.7	14.8	34.0	47.6	----
Resistance to traction	ISO 37	Mpa	27.7	38.5	41.6	45.5	50.8
Elongation at break	ISO 37	%	513	419	325	291	216
Tear resistance	ISO 34-1	KN/m	62.2	86.5	98.2	120.1	181.3
Tearing strength	ISO 34-1	KN/m	20.3	29.9	44.6	72.2	125.8
Impact strength	DIN 53512	%	63	46	39	36	38
Loss due to abrasion	DIN 53516	mm ³	82	56	63	62	75
Persistent distortion at compression	ISO 815	%	27	30	28	33	44
Density	----	----	1.04	1.1	1.13	1.16	1.21