

BONAPRENE PRODUCTS LTD

BONATHANE TECHNICAL PROPERTIES

Grade	Standard	Non Standard	Standard	Non Standard	Standard
Bonathane No.	4NA55A	4NA60A	4NA65A	4NA70A	4NA75A
Standard Colour	Red		Blue		Orange
Hardness Shore A	55	60	65	70	75
100% Modulus MPA	1.55	1.6	1.8	2.5	3.7
300% Modulus MPA	2.34	3.0	3.2	6.8	7.9
Tensile Strength MPA	18.96	20.6	24.0	36.5	44.9
Elongation at break %	630	790	610	530	630
Tear Strength KN/M	34.15	36.8	38.6	61.3	67.4
Compression set %	20	23	24	24	26
Abrasion loss mm ³	39	40	36	30	23
Resilience %	65	60	45	44	44
Specific gravity g/cm ³	1.21	1.21	1.21	1.21	1.21

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BONATHANE TECHNICAL PROPERTIES

Grade	Non Standard	Standard	Standard	Standard
Bonathane No.	4NA80A	4NA85A	4NA90A	4NA95A
Standard Colour		Red	Black	Black
Hardness Shore A	80	85	90	95
100% Modulus MPA	5.1	6.1	8.6	10.9
300% Modulus MPA	9.8	10.8	16.7	17.9
Tensile Strength MPA	43.0	40.3	34.8	30.6
Elongation at break %	610	630	610	560
Tear Strength KN/M	80.5	85.5	101.5	115.5
Compression set %	26	24	22	22
Abrasion loss mm ³	25	30	36	39
Resilience %	42	40	37	35
Specific gravity g/cm ³	1.22	1.22	1.23	1.24