

KANTAFLEX

TECHNICAL SPECIFICATION FOR
ACRYLONITRILE - BUTADIENE (NITRILE) RUBBER COMPOUNDS
FOR EXTRUSION & MOULDED PRODUCTS
(SPECIFICATION: BS: 2751 - 1990)

COMPOUND CLASSIFICATION:

S.No	GRADE DESIGNATION	HARDNESS IN SHORE A SCALE (IRHD)
1	BA - 40	36 - 45
2	BA - 50	46 - 55
3	BA - 60	56 - 65
4	BA - 70	66 - 75
5	BA - 80	76 - 85

PHYSICAL REQUIREMENTS: -

S.No	PHYSICAL PARAMETERS	GRADE DESIGNATION				
		BA - 40	BA- 50	BA-60	BA -70	BA - 80
1	Hardness, In IRHD	36 - 45	46 - 55	56 - 65	66 - 75	76 - 85
2	Minm. Tensile Strength, Mpa	7.0	7.5	8.5	12.5	12.5
3	Minm. Elongation, %	600	450	400	250	150
4	Maximum Compression Set, %	30	25	20	20	20
5	Resistance to Liquid B, Volume Change, %	+ 30	+ 30	+ 25	+ 25	+ 25