

KANTAFLEX

TECHNICAL SPECIFICATION FOR
CHLOROPRENE (NEOPRENE) RUBBER COMPOUNDS
FOR EXTRUSION & MOULDED PRODUCTS
(SPECIFICATION: BS: 2752 – 1990)

COMPOUND CLASSIFICATION:

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

PHYSICAL REQUIREMENTS – BEFORE AGEING:

S.No	PHYSICAL PARAMETERS	GRADE DESIGNATION				
		C – 40	C – 50	C – 60	C – 70	C – 80
1	Hardness, In IRHD	36 - 45	46 - 55	56 - 65	66 - 75	76 - 85
2	Minm. Tensile Strength, MPa	9.0	12.0	13.0	13.0	13.0
3	Minm. Elongation, %	450	400	250	200	100
4	Maximum Compression Set, %	30	30	25	25	25
5	Resistance to Liquid B, Volume Change, %	+ 100	+ 80	+ 70	+ 70	+ 60
6	RESISTANCE TO ACCELERATED AGEING (70 DEGREE FOR 7 DAYS)					
6 (a)	Change in Hardness	+ 7	+ 7	+ 7	+ 7	+ 7
6 (b)	Change in Tensile Strength, %	- 12	- 12	- 12	- 12	- 12
6 (c)	Change in Elongation, %	- 20	- 20	- 20	- 20	- 20