

Neoprene Single Ply Nylon Insertion



DSM196CT
SPEC SHEET

DELTA RUBBER LIMITED

Unit 21 Priory Industrial Park, Airspeed Road
Christchurch, Dorset, BH23 4HD

t: 01425 278011 www.deltarubber.co.uk deltasales@deltarubber.co.uk

PROPERTIES	TEST METHOD	VALUES/METRIC UNITS
SPECIFIC GRAVITY	BS 903: PART A1	BS 903: PART
HARDNESS	BS 903: PART A26	60 +/- 5 IRHD
TENSILE STRENGTH (KG/CM2)	BS 903: PART A2	130
ELONGATION AT BREAK (MIN)	BS 903: PART A2	350%
COMPRESSION SET (70°C/24HRS/25% SET MAX)	BS 903: PART A6	25%
TEAR RESISTANCE (ANGULAR) MIN	BS 903: PART A3	35KG/CM
RESISTANCE TO ACCELERATED AGEING – 168 HRS AT 70°C	BS 903: PART A19	
HARDNESS (PTS)	BS 903: PART A26	+7 (MAX)
TENSILE STRENGTH (%)	BS 903: PART A2	-12 (MAX)
ELONGATION AT BREAK (%)	BS 903: PART A2	-20 (MAX)
VOLUME SWELL AT 40°C FOR 24 HRS/IN	BS 903: PART A16	
FUEL B		+70% MAX
RESISTANCE TO LOW TEMPERATURE AT -40°C	BS 903: PART A13	MEETS REQUIREMENTS
ADHESION TO CORROSION OF METALS	BS 903: PART A37	MEETS REQUIREMENTS
POLYMER CONTENT (NEOPRENE)		100%
CHEMICAL RESISTANCE	BS 903: PART A43	GOOD
OZONE	BS 903: PART A16	GOOD
DILUTE ACIDS AND BASES		NOT RECOMMENDED
CONCENTRATED ACIDS AND BASES		GOOD
MINERAL OILS – AROMATIC HC		FAIR
ANIMAL/VEGETABLE OIL		GOOD
SOLVENTS		FAIR
TEMPERATURE RANGE		-30°C to +120°C



Directors: Martin Bailey, Paul Elliott

Registered in England No: 6033135

VAT No: GB 899 1951 52



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PROPERTIES	TEST METHOD	VALUES/METRIC UNITS
COLOUR		BLACK
INSERTION		1 PLY 50GSM NYLON FABRIC REINFORCEMENT
VOLUME SWELL DATA:		
RESISTANCE TO LIQUIDS	BS ISO 1817 24 H AT (40+/-1) °C -2	+70
VOLUME CHANGE (%) AFTER IMMERSION IN LIQUID B	BS ISO 1817 24 H AT (40+/-1) °C -2	-0
RESISTANCE TO ACCELERATED AGEING	PART A19, AIR OVEN METHOD A, (168+/-2) H, (70+/-1) °C	-0
CHANGE IN HARDNESS DEGREES (IRHD)	PART A26, METHOD N, MEASUREMENTS BEFORE AND AFTER AGEING ON THE SAME 2 PILES EACH 2.0MM THICK	+7
MAXIMUM CHANGE IN TENSILE STRENGTH (% OF ORIGINAL VALUE)	PART A2, TYPE 1 OR TYPE 2 DUMBBELLS	-12
MAXIMUM CHANGE IN TENSILE STRENGTH (% OF ORIGINAL VALUE)	PART A2, TYPE 1 OR TYPE 2 DUMBBELLS	-20

