



Technical Specifications

Neoprene Rubber - NE65145

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.45±0.05	ASTM D297	1.45±0.05
HARDNESS	DIN 53505	65± 5 Sh A	ASTM D2240	65± 5 Sh A
TENSILE STRENGTH (min)	DIN 53504	711 PSI	ASTM D412	50 Kg/cm ²
ELONGATION AT BREAK (min)	DIN 53504	250%	ASTM D412	250%
COMPRESSION SET (70°C/24 HRS/25% COMPRESSION) (max)	DIN 53508	50%	ASTM D395 Method B	50%
TEAR RESISTANCE (angular) min	DIN 53505	95 Lbs/Inch	ASTM D624	17 Kg/cm
CHANGE IN PROPERTIES AFTER HEAT AGEING FOR 72 hrs AT 150°C			ASTM D573	
HARNES (points)		+ 5 (Max)		+ 5 (Max)
TENSILE STRENGTH %		+ 10/-20		+ 10/-20
ELONGATION AT BREAK %		+ 10/-20		+ 10/-20
VOLUME SWELL AT 150°C FOR 24 hrs			ASTM D471	
IN ASTM OIL No.1				+19%
IN ASTM OIL No.2				+37%
IN ASTM OIL No.3				+72%
CHEMICAL RESISTANCE				
OZONE		FAIR	ASTM D1149	FAIR
DILUTE ACIDS AND BASES		GOOD		GOOD
CONCENTRATE ACIDS AND BASES		FAIR		FAIR
OILS		FAIR		FAIR
SOLVENTS		Not Recommended		
Polymer Content (NEOPRENE)		30%		
TEMPERATURE RANGE		-30 to + 90°C		
EC Directive 2001/95/EC		YES		
REACH Regulation (EC) 1907/2006 SVHC		YES		
FDA 21 CFR177.2600		NO		
COLOUR		BLACK		



Better Industrial Ltd Hamilton New Zealand

Ph ++64 7 847 9269 sales@betterindustrial.co.nz www.betterindustrial.co.nz