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Neoprene

General Description

Neoprene has good heat resistance properties. It also has strong abrasion resistance as well as very good resistance to alkalis and acids.

Specification

Description	ASTM Test Method	Unit					
Hardness	D2240	Shore A	40 \pm 5	50 \pm 5	60 \pm 5	70 \pm 5	80 \pm 5
Tensile Strength, minimum	D412	MPa	7	10	10	10	10
Elongation, minimum	D412	%	400	350	350	250	100
Heat Resistance. (70 hours at 230°C)	D573						
Change in hardness. Maximum	D573	Points	15	15	15	15	15
Change in tensile strength. Maximum	D573	%	-15	-15	-15	-15	-15
Change in elongation. Maximum	D573	%	-40	-40	-40	-40	-40
Compression Set. (100°C * 22h) Maximum	D395 Method B	%	35	35	35	35	35
Immersion in No 3 oil, 22 hrs at 100°C. Change in volume. Maximum	D395 Method B	%	80	80	80	80	80