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EPDM

General Description

EPDM has a unique combination of physical properties, making it suitable for a broad range of applications. It has good heat resistance and also good resistance to alkalis, acids and oxygenated solvents.

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	8	10	10	10	10
Elongation. Minimum	D412	%	450	400	350	250	150
Heat Resistance. (70 hours at 100°C)	D573						
Change in hardness. Maximum	D573	Points	10	10	10	10	10
Change in tensile strength. Maximum	D573	%	-25	-25	-25	-25	-25
Change in elongation. Maximum	D573	%	-25	-25	-25	-25	-25
Compression Set. (100°C * 22h) Maximum	D395 Method B	%	30	40	40	40	50
Ozone Resistance, 72h @38 \pm 1°C, 50 \pm 5pphm, quality retention rating. Minimum	D1171		Pass	Pass	Pass	Pass	Pass