

COMPOUND: 70EP111p WRAS (CJ)

POLYMER TYPE: Ethylene Propylene Diene Monomer (EPDM)

Physical Properties

Property	Test Method	Units	Typical Values
COLOUR			Black
HARDNESS	ISO 48	°IRHD	74
TENSILE STRENGTH	ISO 37	MPa	15
ELONGATION @ BREAK	ISO 37	%	210
SPECIFIC GRAVITY	ISO 2781	g/cm3	1.18

Compression Set (Air)

Property	Test Standard	Units	Typical Values
72 Hours @ 23°C	ISO815	%	4
24 Hours @ 125°C	ISO815	%	8
70 Hours @ -10°C	ISO815	%	10
70 Hours @ -25°	ISO815	%	20

Heat-Ageing

Property (After 168 Hours @ 125°C)	Test Standard	Units	Typical Values
HARDNESS CHANGE	ISO 48	°IRHD	+5
TENSILE CHANGE	ISO 37	%	+5
ELONGATION CHANGE	ISO 37	%	-15



MATERIAL TEST DATA SHEET

07/05/2012

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Water Resistance

Property (After 168 Hours @ 95°C)	Test Standard	Units	Typical Values
VOLUME CHANGE	ISO 1817	%	+1.2

Approvals

Drinking Water : ACS, KIWA, KTW & W 270, NSF61, SAI/AS NZS 4020, WRAS
Physical Properties: EN 681-1 WA & WB, W 534
Others: PAH Free