



MATERIAL TEST DATA SHEET 07/05/2012 Page 1 of 2

# COMPOUND: 70EP111p WRAS (CJ) POLYMER TYPE: Ethylene Propylene Diene Monomer (EPDM)

# **Physical Properties**

Property	Test	Units	Typical Values
	Method		
COLOUR			Black
HARDNESS	ISO 48	°IRHD	74
TENSILE STRENGTH	ISO 37	MPa	15
ELONGATGION @ 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	

These properties should not be regarded as specifications, but only as typical properties of the material described. It is intended for use by persons having technical skills and understanding of the seal and gasket design. Since the conditions of use are outside our control, nor have we designed the product shape, we can make no warranties, express or implied and assume no liability in connection with any use of this information. Since development and improvement of compounds is a continuing process, Gapi reserves the right to modify their composition and characteristics. Uncontrolled Copy.





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roperty After 168 Hours @ 9	95°C)	Test Standard	Units	Typical Values
VOLUME CHANG	E	ISO 1817	%	+1.2
Approvals				
Approvals				
Approvals		W 270, NSF61, SAI/AS NZS 4	4020, WRAS	
Drinking Water : Physical Properties:	EN 681-1 WA & WI		1020, WRAS	
Drinking Water :			1020, WRAS	
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