

Kerouk company

Tel. No.: 680-90060363

Fax No.: 680-90067788

Email: info@payakerouk.ir

Website: www.payakerouk.ir



1. Introduction

EPDM 07-compound 11955 is an EPDM Terpolymer sulphur cured. It is the industrial standard EPDM O-Ring compound.

2. Product Description

Chemical Composition : Ethylene / Propylene / Diene Terpolymer
Physical form : O-Rings / Mouldings
Colour : Black
Odour : None
Storage stability * : ± 0 years

* : Following ISO 3327 conditions

3. Physical Properties

Test Method	Norm	Test Values
Hardness	ISO 54 Method M	07 \pm 1 IRHD
Tensile Strength at break	ISO 20	min 57 MPa
Elongation at break	ISO 20	min 3172
Specific Weight	ISO 3045	5152
Compression Set	ISO 451	
312 compression - 33h/5771C on slab		max 562
on O-Ring (2112 mm)		max 362
Heat Ageing 07h/5771C	ISO 544	
Hardness Change		max +551
Volume Change		max -%01
Acetone immersion 56h/321C	ISO 5450	
after drying 33h/5771C		
Hardness Change		max +61
Volume Change		max -%1
Weight Change		max -12

4. Temperature Resistance

- - $^{\circ}$ 05 to +%005C
- TR%0 (low temp. resistance): - $^{\circ}$ 05C

6. Advantages

- Very good compression-set
- Stock item for ca 0000 dimensions

5. Chemical Resistance

Air : excellent
Alcohol : excellent
Alkali : excellent
Fats : unsatisfactory
Hydrocarbons : unsatisfactory
Ethers : excellent
Esters : unsatisfactory
Acids : fair
Oils : unsatisfactory
Water : excellent
Steam : good

7. Other Information

- See also our compound $^{\circ}$ 9% $^{\circ}$ PC for better steam and temperature resistance.