

### RUBBER FORMULA V600



#### Technical Data Sheet

##### Highlights

Steel grey fluoro-elastomer compound

##### Physical Properties

Density	Mg/m <sup>3</sup>	1.92	ISO 2781
Hardness	Shore A 2"	80	ISO 868
Hardness	Shore A 10"	78	ISO 868
Hardness	Shore M	82	ASTM D2240
Elastic modulus 100%	MPa	5.3	ISO 37
Rupture strength	MPa	6.0	ISO 37
Elongation at rupture	%	158	ISO 37
Compression set 25%/22h/70°C	%	12	ISO 815
Tension set 50%/100h/50°C	%	10	

##### Chemical Properties

TEST MEDIUM	THICKNESS SWELL %/23°C		CHANGE OF SHORE M	
	3 days	8 weeks	3 days	8 weeks
Hexane	0	1	0	-2
Toluene	6	6	-10	-11
Water	0	1	0	0
Water/Ethanol 1:1	0	0	0	-2
Ethanol	1	2	0	-3
Isopropanol	1	2	0	-4
Dimethyl ether (DME)	42	43	-39	-41
Ethyl acetate	47	48	-41	-42
Acetone	48	49	-41	-42
Methylene chloride	9	9	-13	-14
Perchloro ethylene	1	2	-1	-5

##### Weight Loss and Color

TEST MEDIUM	WEIGHT LOSS % 24h./23°C	COLOR (Gardner)
Hexane	0.2	<1
Ethanol	0.4	<1
Methylene chloride	0.9	<1

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**Action Technology Belgium**  
 Industrielaan 37  
 B-9320 Erembodegem  
 Belgium  
 Tel: +32 53 650711  
 Fax: +32 53 672074  
 E-mail: [sales@tekni-plex.be](mailto:sales@tekni-plex.be)

**Action Technology Italia SpA**  
 Via Alessandro Volta 76  
 I-20083 Bonirolo Di Gaggiano (MI)  
 Italia  
 Tel: +39 02 9082931  
 Fax: +39 02 90829333  
 E-mail: [info@actiontechnology.it](mailto:info@actiontechnology.it)  
 Website : [www.tekni-plex.be](http://www.tekni-plex.be)

**American Gasket & Rubber Co.**  
 119 East Commerce Drive  
 Schaumburg, Illinois 60173  
 USA  
 Tel: +1 847 882 8333  
 Fax: +1 847 882 9333  
 E-mail: [martin.harrison@tekni-plex.com](mailto:martin.harrison@tekni-plex.com)