



FPM compound 00262 - Technical Data sheet For 60FPM V-ring

Material :
Fluor elastomer

Specification :
M2HK607A1-10B38EO78EF31 acc. ASTM

Physical properties	Units	Requirements	Results
Hardness	Shore A	60±5	64
Tensile strength	psi	1015	1499
Elongation	%	200	292
Tear strength	kg-cm		19
Modulus at 100%			348
Modulus at 200%			938
Specific gravity			1,887
A1-10 Heat resistance at 250°C/70h			
Hardness change	degrees	+10	+3
Tensile strength change	%	-25	-7
Elongation change	%	-25	0
Volume change	%	--	-3
B38 Compression set on slab at 200°C/22h			
Compression set	%	15	13
E078 ASTM oil 101 at 200°C/70h			
Hardness change		-15/+5	-8
Tensile strength change		-40	-20
Elongation change		-20	-3
Volume change		0/+15	+14
E078 ASTM oil 7700 at 200°C/70h			
Hardness change			-14
Tensile strength change			-24
Elongation change			-16
Volume change			+20
EF31 Fuel C resistance at 23°C/70h			
Hardness change		±5	-3
Tensile strength change		-25	-24
Elongation change		-20	-19
Volume change		0/+10	+5
F low temperature at -25°C/3 min			
Low temperature test			pass

Note :

The specifications given in this data sheet are the result of research carried out with the best possible accuracy and according to the test methods laid down in the standards referred to.
Tests carried out in different laboratories, under different conditions and/or with different prepared samples may give slightly different test results. This data sheet replaces all earlier given technical specifications which herewith, become void.