



Compound VK801 - Technical Data sheet Oilseal black Viton® types Eriks GR and GRst

Material :
Genuine Viton®



Specification :
acc. ASTM D2000 M2HK810, A1-10,B38,EO16,EO36,EF31,F15

Temperature resistance :
-20°C to +200°C

Physical properties	Units	Requirements	Results
Hardness	degrees Shore A	80+/-5	78
Tensile strength	N/mm ²	10min.	14
Elongation	%	150min.	172
Tear strength	Kg/cm	25min.	38
Specific gravity	gr/cm ³	2,12+/-0,02	2,212
Heat Resistance 250°C/70 h			
Hardness change	degrees Shore A	+10	+2
Tensile strength change	%	-25max.	+5
Elongation change	%	-25max.	+3
Volume change	%	-	-3
Compression set at 200°C/22 h 25%	%	+50max.	+7 (on test slab)
ASTM oil no 1 at 150°C/70 h			
Hardness change	degrees Shore A	-	-1
Tensile strength change	%	-	-11
Elongation change	%	-	+26
Volume change	%	-	+1
ASTM oil IRM 903 at 100°C/70 h			
Hardness change	degrees Shore A	-	-1
Tensile strength change	%	-	-19
Elongation change	%	-	+28
Volume change	%	-	+3
ASTM Fuel C at 23°C/70 h			
Hardness change	degrees Shore A	+/-5	-4
Tensile strength change	%	-25max.	-23
Elongation change	%	-20max.	+21
Volume change	%	0:+10	4
Low temperature brittleness			
-18 °C for 3 minutes	-	non brittle	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.