



FPM compound 10273 - Technical Data sheet For RX® endcap EC 75FPM brown

Specification :

M6HK810A1-11B38EF31EO78EO16EO36 Z1:DuPont Z2:HD75±5

Physical properties	Units	Requirements	Results
Hardness	Shore A	75±5	78
Tensile strength	psi	1450	1791
Elongation	%	150	186
Tear strength	kg-cm		24
Modulus at 100%			1193
Specific gravity	gr/cm ³		2,168
A Heat resistance at 250°C /70h			
Hardness change			+3
Tensile strength change	%		-7
Elongation change	%		0
Volume change	%		-4
A 1-11 Heat resistance at 275°C/70h			
Hardness change		-5/+10	+5
Tensile strength change		-40	-26
Elongation change		-20	+5
Volume change			-9
B38 compression set on slab at 200°C/22h			
Compression set	%	15	13
EO 78 ASTM 101 oil at 200°C/70h			
Hardness change			-7
Tensile strength change			-28
Elongation change			+13
Volume change			-15
EO ASTM 7700 oil at 200°C/70h			
Hardness change			-11
Tensile strength change			-27
Elongation change			-4
Volume change			16
EO 16 ASTM 1 oil at 150°C/70h			
Hardness change			-1
Tensile strength change			-1
Elongation change			+8
Volume change			0
EO 36 ASTM IRM903 oil at 150°C/70h			
Hardness change			-2
Tensile strength change			-13
Elongation change			+1
Volume change			+2
EF 31 Fuel C resistance at 23°C/70h			
Hardness change		±5	-2
Tensile strength change		-25	-23
Elongation change		-20	-4
Volume change		0/+10	+7

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.