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## Datasheet

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## 锐腾 ReTeng® A-411C

### ● Description

Application	Shaft seal and gasket
Chemical Composition	Dipolymer of hexafluoropropylene and vinylidene fluoride plus curatives
Form and Color	Sheet
Specific Gravity	1.84
Mooney Viscosity (ML 1 + 10 at 121°C)	45

### ● Reference Recipes and Properties

		RT61093	RT61094
A-411C		100	100
N990		20	30
Calcium hydroxide		3	3
Magnesium oxide (highly active)		6	6
WS-280		0.5	0.5
Carnauba wax		1	1
<b>Total Phr</b>		<b>130.5</b>	<b>140.5</b>
<b>MDR, 0.5°arc</b>	177°Cx8min		
ML	dNm	1.42	1.83
MH	dNm	11.3	13.8
Ts2	min	1.38	1.14
T50	min	1.93	1.73
T90	min	3.28	3.01
<b>Slab cure</b>	177°Cx10min		
<b>Post Cure</b>	230°Cx24hrs		
<b>Hardness Shore A</b>	ASTM D2240	66	73
<b>Tensile Strength</b>	MPa	11.7	13.6
<b>Elongation at break</b>	%	369	325
<b>Modulus at 100 %</b>	MPa	2.2	3.3
<b>Tear strength - Angle</b>	ASTM D624-C		
Tear Strength	KN/m	25	27
<b>Compression Set</b>	ASTM D395		
200°Cx22hrs	%	19	18
200°Cx70hrs	%	35	32

## ● Test Procedures

Property Measured	Test Procedure
Tensile Properties	ASTM D412
Hardness Shore A	ASTM D1414
Compression set	ASTM D395

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