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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
Total Phr		130.5	140.5
MDR, 0.5°arc	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
Slab cure	177°Cx10min		
Post Cure	230°Cx24hrs		
Hardness Shore A	ASTM D2240	66	73
Tensile Strength	MPa	11.7	13.6
Elongation at break	%	369	325
Modulus at 100 %	MPa	2.2	3.3
Tear strength - Angle	ASTM D624-C		
Tear Strength	KN/m	25	27
Compression Set	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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