



NFS9500 Adhesive Purpose Series Fluorosilicone Rubber

【Introduction】

Apply to automotive turbocharger tubes or other compound rubber tubes.

It can bond and co-cure with silicone rubber

Excellent calenderability, and oil, solvent resistance

【Properties】

Items	Index				
	Grade	NFS9540	NFS9550	NFS9560	NFS9561
	Appearance	Pale yellow			
	Test method				
Specific Gravity/ g/cm ³	ASTM D792	1.40	1.41	1.42	1.44
Hardness/shoreA	ASTM D2240	41	50	60	61
Tensile Strength /MPa	ASTM D412	9.5	9.8	10.2	9.8
Elongation At Break/%	ASTM D412	370	282	263	310
Tear Strength /KN/m	ASTM D624-B	17	17	18	17
*Heat Resistance 225°C×72h	Hardness change /shore A	+4	+2	+2	+2
	Tensile strength change/%	-24	-25	-23	-26
	Elongation at break change/ %	-19	-10	-14	-12
Fuel C Volume change/% 23°C/72h	ASTM D471	+23	+23	+21	+21
Peel Strength/N/mm, with Methyl vinyl silicone rubber		2.0	2.0	2.2	2.0
Curing Condition	0.8 DCBP, Press cure: 120°C×15min, Post cure: 200°C×4h				

*The values only represent the typical features of the product and are not intended for use in specifications.

*Heat resistance additives need to be added to meet the requirements of heat resistance.

【Processing Advice】



新元化学（山东）股份有限公司

NEW ERA CHEMICAL SHANDONG CO.,LTD.

It is recommended to use 0.8 ~ 1 phr. peroxide (2,4-dichlorobenzoy)Vulcanizing agent (DCBP).

The customer shall decide the optimum curing temperature and time according to the product dimensions and curing methods.

【Package】

This product is non-dangerous goods. Packed in plastic bags placed into reinforced cardboard boxes. Each box contains 2 bags with 10kg per bag.

【Storage】

This product has cold-flow characteristics, should avoid bag breakage in the process of transportation and usage.

Must be stored in a cool dry environment, and shelf life is 1 year.