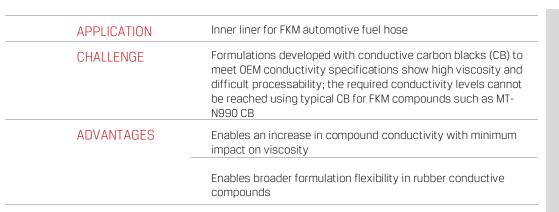


ATHLOS™ SR1200 CARBON NANOSTRUCTURES IN FLUOROELASTOMER (FKM) AUTOMOTIVE FUEL HOSES



PERFORMANCE OF ATHLOS™ SR1200 CNS IN FKM MODEL FORMULATION (LOW VISCOSITY, 70% FLUORINE) *					
Compound#	1	2	3	4	5
MT - N990 CB	30	15	15		
CONDUCTIVE CB				10	15
ATHLOS™ SR1200 CNS		0.5	1		
Mooney Viscosity (1+10) @121°C	23.7	20	22.2	23.1	30.7
Resistivity (ohm-cm) - ASTM D990	Too high	274	4	7444	170

^{*}Peroxide Cured

PRODUCT INFORMATION

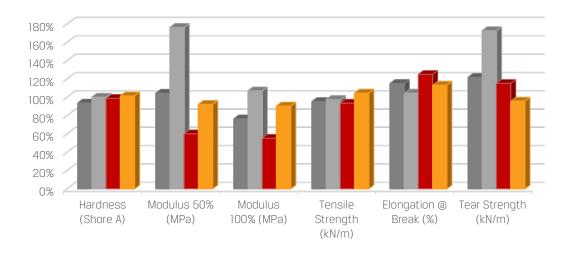
Carbon nanostructures (CNS) are a unique network of crosslinked carbon nanotubes produced using a proprietary roll-to-roll chemical vapor deposition (CVD) process. CNS enable a superior balance of conductivity, mechanical strength and processability.

PERFORMANCE FEATURES

- conductivity
- mechanical strength
- processability
- flexibility

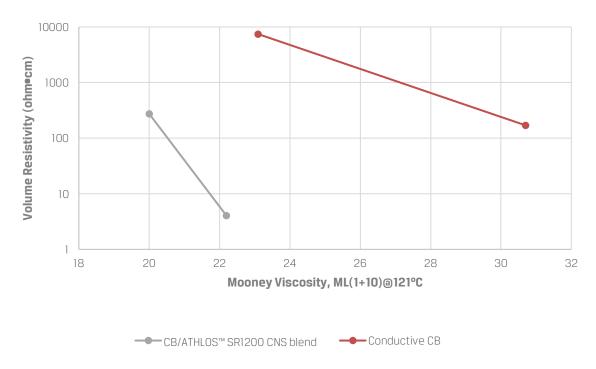


INDEXED VALUES VS REF (MT - N990 CB = 30 PHR)



■MT-N990/ATHLOS™ SR1200 CNS 15/0.5 ■MT-N990/ATHLOS™ SR1200 CNS 15/1 ■Conductive CB 10PHR ■Conductive CB 15PHR

VOLUME RESISTIVITY VS. MOONEY VISCOSITY



For more information, please contact your Cabot representative at cabotcorp.com/contact

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