

## **Technical Data Sheet**

MATERIAL:	Acrylonitrile/butadiene copolymer	
CATALOG NUMBER:	054	
CAS NUMBER:	9003-18-3	
DESCRIPTION:	Random copolymer of acrylonitrile and butadiene	
FORMULA:	$(C_4H_6)_x(C_3H_3N)_y$	
TYPICAL PROPERTIES:	Appearance: Density: Acrylonitrile content: Mooney viscosity: Solubility:	Slab 0.99 (25°C) 38% 75 (100°C) THF
GENERAL INFORMATION:	Prepared by the emulsion copolymerization of acrylonitrile and butadiene. Acrylonitrile-butadiene rubbers can be compounded and processed in much the same manner as natural rubber; they may be vulcanized with either conventional sulphur systems or peroxides. Acrylonitrile-butadiene rubbers are highly resistant toward non-polar solvents such as fuels and oil. They find applications as gaskets, fuel hoses, oil seals, o-rings, adhesives and in blends with thermosetting resins.	
STRUCTURE:	r )r .	1

Technical information and data regarding the composition, properties or use of the products described herein is believed reliable. However, no representation or warranty is made with respect thereto except as made by Sp<sup>2</sup> in writing at time of sale. Sp<sup>2</sup> cannot assume responsibility for any patent liability which may arise from the use of any product in a process, manner or formula not designed by Sp<sup>2</sup>.