

6265 DEAN PARKWAY ONTARIO NY 14519 WWW.SCIPOLY.COM

Technical Data Sheet

MATERIAL: Ethylene/vinyl acetate copolymer

CATALOG NUMBER: 785

CAS NUMBER: 24937-78-8

DESCRIPTION: Random copolymer of ethylene and vinyl acetate

FORMULA: $(C_4H_6O_2.C_2H_4)_x$

TYPICAL PROPERTIES:

Appearance: Fused beads Vinyl acetate content: 50 wt%

Approx Mw: 250,000 [GPC]

Melt flow index: 2-5 g/10min

Density: 0.99 (23°C)

Mooney viscosity: 20 (100°C)

Solubility: Benzene, dioxane, MEK, methylene

chloride, THF, toluene, xylene

GENERAL INFORMATION: High vinyl acetate content EVA copolymers are typically used in

peroxide cured rubber articles to impart improved heat, ozone,

weathering, and oil resistance. Typical applications include molded and

extruded goods, cable jackets, proofed goods and cellular rubber

products.

STRUCTURE:

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^2 in writing at time of sale. Sp^2 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^2 .