

ETHYLENE VINYL ACETATE (EVA)



GKN GROUPS

CAS Number: 24937-78-8

Other Names: Poly(ethylene-vinyl acetate); Poly(ethylene-co-vinyl acetate);
Polyethylene-vinyl acetate copolymer

Formula: $(C_2H_4)_n(C_4H_6O_2)_m$

PRODUCT INTRODUCTION

Ethylene Vinyl Acetate is a flexible and transparent thermoplastic. It shows good chemical resistance. EVA shows good barrier and stretch properties. It also offers good low temperature flexibility. It is used in several due to the varied properties it possesses.

PHYSICAL AND CHEMICAL PROPERTIES

M.I	1.91 g/10min
VA Contents	19.5 %
Density	0.9390 g/cm ³
Tensile	232 kg/cm ²
Elongation	665 %

APPLICATIONS

- EVA is applicable for a number of different end-uses such as flexible packaging, heat seal layers, thermal laminations, hose & tubing, blow molded bottles and cap liners etc.
- As EVA resins can be easily cut from sheets and molded to any desired shapes they are being used to produce complex end-user goods also.
- It is applicable to be used for orthotics, cigarettes, surfboard, skim boards and even manufacturing artificial flowers.
- They are even used for thermoplastic mouth guards and conditioning or waterproofing leathers.

PACKAGING OPTIONS

Drums
