



Technical Data Sheet

MATERIAL: Ethylene/vinyl alcohol copolymer

CATALOG NUMBER: 957

CAS NUMBER: 26221-27-2

DESCRIPTION: Random copolymer of ethylene and vinyl alcohol

FORMULA: $(C_4H_6O_2.C_2H_4O.C_2H_4)_x$

TYPICAL PROPERTIES:

Appearance:	Pellets
Ethylene content:	27 mole%
Density:	1.20
Melting point:	191°C
Melt flow index:	3.9 g/10min
Glass transition temp:	72°C
Crystallization temp:	167°C
Extruder melt temp range:	200-240°C
Flash point:	550°F
Solubility:	DMSO

GENERAL INFORMATION: Made by the saponification of ethylene/vinyl acetate copolymer. Random copolymer consisting of hydrophobic and hydrophilic segments. The main use of ethylene/vinyl alcohol copolymers is as films and sheeting materials where they exhibit excellent gas barrier properties and resistance to oil and organic solvents.

STRUCTURE: