



Technical Data Sheet

MATERIAL:	Ethylene/vinyl alcohol copolymer
CATALOG NUMBER:	960
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:	44 mole%
Density:	1.14
Melting point:	165°C
Melt flow index:	3.5 g/10min
Glass transition temp:	55°C
Crystallization temp:	142°C
Extruder melt temp range:	185-250°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:

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