MONTACHEM
INTERNATIONAL

Exelene® EVA

Product Data Sheet

Ethylene Vinyl Acetate

Extrusion: Film

Injection and Blow Molding

No additives

EVA218

Melt Flow Rate 2,0

VA Content 18%

Applications

- Blown Film: lamination, carpet backing, bags and pouches
- Wire and Cable
- Cast film applications / Stretch Film

Characteristics

- The Exelene resin EVA218 meets the requirements of section 177.1520, paragraph C, from chapter 21 denominated “Olefin Polymers” from the Code of Federal Regulations of the FDA, to be utilized with direct food contact.

Grade	Additives Package
Exelene EVA218	No additives

Properties		ASTM Testing	Units	Values
Resin Properties				
Melt Flow Rate	MFI_2	D 1238 (190°C; 2,16 kgf)	g/10 min	2.00
Vinyl Acetate Content			%	18
Blow Film Properties with thickness of 2 mils = 51 micron				
Tensile Strength @ break (1)	MD	D 882	psi	4,900
	TD		psi	4,600
Tensile Strength @ Yield(1)	MD	D 882	psi	670
	TD		psi	600
Elongation @ break	MD	D 882	%	560
	TD		%	670
Elongation @ Yield	MD	D 882	%	14
	TD		%	12
Impact Resistance by the Free Falling Dart Method		D 1709	g/mil	600
Gloss (45º)		D2457		90.0
Opacity / Haze		D 1003	%	1.3

(1) MD = Machine Direction and TD =Transversal Direction