Westlake Chemical

ELEVATE™ EM518AA

18.5% EVA Copolymer

Application/Uses

- Injection Molding
- Compounding
- Foam

Product Description

Westlake ELEVATE™ EM518AA is an ethylene vinyl acetate copolymer with 18.5% VA. EM518AA is designed for use in applications such as injection molding, compounding, foaming, and general extrusion. This material has excellent low temperature brittleness properties, melt strength, and flexibility.

Typical Physical Properties

Property[a]	Test Method[b]	Typical Value, Units[c]
Melt Index	D 1238	2.50 g/10 min
Density	D 1505	940 kg/m^3 (0.940 g/cm^3)
Peak Melt Temp	Westlake Method	86°C (187°F)
Vicat Softening Point	D 1525	68°C (154°F)
Ultimate Tensile @ Break	D 638	1745 PSI
Elongation	D 638	645 %
Flexural Modulus, 1% Secant	D 790	7000 PSI
Hardness, 15s Shore D	D 2240	32

[a] *Unless noted otherwise, all tests are run at 23°C (73°F) and 50% relative humidity.*
[b] *Unless noted otherwise, the test method is ASTM.*
[c] *Units are in SI or US customary units.*

NOTES
Physical properties measured on compression molded specimens.

FDA
Please contact Product Regulat

PROCESSING
Please contact Westlake Technical Services for specifics on processing temperatures.

NOTICE
Properties reported here are based on limited testing. Westlake makes no representation that the material in any particular shipment will conform exactly to the values given.