

A-C[®] ADDITIVES FOR PVC INJECTION MOLDING

In PVC injection molding, polyethylene waxes can provide controlled melt viscosity and optimized melt flow; improved color stability; superior gloss and surface aspect; improved mold and runner release performance; and improved weld line strength.



PROPERTIES

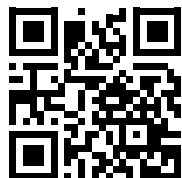
PRODUCT	A-C 6A	A-C 617A	A-C 629A	A-C 680A	A-C 316A
Type of polyethylene wax	Low-density homopolymers		Oxidized low density homopolymers		Oxidized high density homopolymers
Drop point (°C)	106	102	104	108	140
Viscosity (cps 140°)	375	180	200	250	8500 (150°C)
Acid number (mg KOH/g)	0	0	16	16	16
Density (g/cm ³)	0.92	0.91	0.93	0.93	0.98
Dosage (phr)	0.1-0.6		0.1-0.6		0.05-0.2

BENEFITS

PRODUCT	BENEFITS
A-C 6A A-C 617A	- Increased plasticizing time - Reduced torque - Enhanced physical and aesthetic properties of the finished article
A-C 629A A-C 680A	Good mold filling properties in combination with excellent surface properties
A-C 316A	- Accelerates PVC fusion - Increases melt homogeneity (Typically applied in combination with external lubricants like A-C 6A or A-C 617A)



Although Solstice Advanced Materials believes that the information contained herein is accurate and reliable, it is presented without guarantee or responsibility of any kind and does not constitute any representation or warranty of Solstice Advanced Materials, either expressed or implied. A number of factors may affect the performance of any products used in conjunction with user's materials, such as other raw materials, application, formulation, environmental factors and manufacturing conditions among others, all of which must be taken into account by the user in producing or using the products. The user should not assume that all necessary data for the proper evaluation of these products are contained herein. Information provided herein does not relieve the user from the responsibility of carrying out its own tests and experiments, and the user assumes all risks and liabilities (including, but not limited to, risks relating to results, patent infringement, regulatory compliance and health, safety and environment) related to the use of the products and/or information contained herein.



For More Information, [Click Here](#)
or Scan the QR Code

Solstice Advanced Materials Inc.
115 Tabor Rd. | Morris Plains, NJ 07950



© 2026 Solstice Advanced Materials Inc.
2000-05-ESM-TDS-AC-Additives-PVCInjection | SOLS | 04/26