

A-C[®] WAXES FOR PVC PROFILE EXTRUSION

In profile extrusion, A-C[®] polyethylene waxes can provide increased output rates, reduced calibration plate-out, controlled fusion maintaining physical properties and enhanced surface quality.



PROPERTIES

PRODUCT	A-C 6A	A-C 617A	A-C 629A	A-C 680A	A-C 316A	A-C 400A
Type of polyethylene wax	Low density homopolymers		Oxidized low density homopolymers		Oxidized high density homopolymers	Ethylene vinyl acetate copolymer
Drop point (°C)	106	102	101	108	140	92
Viscosity (cps 140°C)	375	180	200	250	8500 (150 °C)	595
Acid number (mg KOH/g)	0	0	15	16	16	13% vinyl acetate
Density (g/cm ³)	0.92	0.91	0.93	0.93	0.98	0.92
Dosage (phr)	0.1 - 0.4		0.1 - 0.4		0.05 - 0.2	0.1 - 0.4

BENEFITS

PRODUCT	PERFORMANCE IN PVC PIPE EXTRUSION
A-C 6A A-C 617A	Excellent external lubrication providing enhanced gloss and surface quality; delay fusion
A-C 629A A-C 680A	Best combination of external lubrication and fusion control, providing metal release
A-C 316A	Superior additives for metal release; highly efficient fusion promoter enabling controlled pressure build up in the extruder; excellent distribution of additives resulting in increased melt homogeneity; reduced gloss
A-C 400A	Excellent external lubrication providing enhanced gloss and surface quality; relatively neutral to fusion. Reduce chattering in calibration unit and reduce melt pressure



All statements and information provided herein are believed to be accurate and reliable, but are presented without guarantee, warranty or responsibility of any kind, express or implied. Statements or suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement, and are not recommendations to infringe any patent. The user should not assume that all safety measures are indicated herein, or that other measures may not be required. User assumes all liability for use of the information and results obtained.

For more information:

to contact us, please visit:

<https://industrial.honeywell.com/us/en/applications/specialty-additives>

Honeywell Additives

Honeywell Belgium N.V.

Gaston Geenslaan 14

3001 Heverlee Belgium

Telephone: +32 16 39 12 11

A-C is a registered trademark of Honeywell International Inc.

DTS-22-80-EN | 09/22

© 2022 Honeywell International Inc.

**THE
FUTURE
IS
WHAT
WE
MAKE IT**

Honeywell