Honeywell
THE POWER OF CONNECTED | Performance Additives

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

For additional information or to contact us , please visit:
honeywell-additives.com

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OUR COMMITMENT TO SUSTAINABILITY

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