Honeywell
THE POWER OF CONNECTED | Performance Additives

# A-C® Additives for PVC Pipe Extrusion

In pipe extrusion, A-C® polyethylene waxes can provide increased output rates, reduced plate-out and an increased filler level, maintaining physical properties and enhanced surface quality.

## PROPERTIES:

| Product | A-C 6A | A-C 16A | 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 | 102 | 104 | 108 | 140 | 92 |
| Viscosity (cps 140°) | 375 | 525 | 180 | 200 | 250 | 8500 (150 °C) | 595 |
| Acid number (mg KOH/g) | 0 | 0 | 0 | 16 | 16 | 16 | 13% vinyl acetate |
| Density (g/cm$^3$) | 0.92 | 0.91 | 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<br>A-C 16A<br>A-C 617A | Excellent external lubrication leading to high output rates and enhanced gloss and surface quality; delay fusion |
| A-C 629A<br>A-C 680A | Optimal combination of external lubrication, metal release, and gloss. Slightly improve fusion |
| A-C 316A | Superior additives for metal release. Very effective fusion acceleration enables controlled pressure build-up in the extruder; excellent distribution of filler in the melt; increased melt homogeneity; reduced gloss |
| A-C 400A | Reduce melt pressure, improve filler dispersion |

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

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