

# A-C® ADDITIVES FOR CONVENTIONAL AND ENGINEERING POLYMERS

Polyethylene waxes enhance plastics processing by:

- Providing better flow;
- Offering better mold release;
- Improving the lubricating effect;
- Bettering the dispersion of pigments and fillers;
- Increasing the compatibility of resins;
- Providing nucleation and a higher degree of crystallinity.

This leads to shorter cycle time, increased gloss and improved clarity in films.



| PRODUCT                        |                                  |                     | POLYMER              | KEY BENEFITS   |
|--------------------------------|----------------------------------|---------------------|----------------------|--|
| A-C 6A<br>A-C 8A<br>A-C 629A   | A-C 680A<br>A-C 400A<br>A-C 573P | A-C 950P            | PE, PP               | <ul style="list-style-type: none"> <li>• Efficient flow modifiers</li> <li>• Enhanced wetting and dispersibility of pigments and fillers</li> <li>• Improved glass fibers bond and compatibility in GFPP</li> </ul>  |
| A-C 6A<br>A-C 617A<br>A-C 400A | A-C 629A<br>A-C 680A             | A-C 316A<br>A-C 16A |                      | <ul style="list-style-type: none"> <li>• Efficient external lubrication</li> <li>• Fusion control</li> <li>• Anti-sticking and reduced plate-out</li> <li>• Gloss control</li> <li>• Control of mold release</li> </ul>  |
| A-C 400A                       |                                  |                     | EVA                  | <ul style="list-style-type: none"> <li>• Improved processing and flow</li> </ul>   |
| A-C 316A                       |                                  |                     | ABS, SAN, PC, PC/ABS | <ul style="list-style-type: none"> <li>• Efficient flow modifier</li> <li>• Enhanced weld line strength</li> <li>• Strong mold release</li> <li>• Efficient compatibilizer</li> </ul>  |
| A-C 540A<br>(0.01-0.5 phr)     | AClyn® 295A                      |                     | PA6 and PA66         | <ul style="list-style-type: none"> <li>• Enhanced processing and flow aid</li> <li>• Improved appearance and physical properties of injected molded parts</li> <li>• Improved extrusion</li> <li>• Better clarity in films</li> <li>• Decreased power consumption</li> <li>• Improve dispersion</li> </ul> |
| A-C 316A                       |                                  |                     | POM                  | <ul style="list-style-type: none"> <li>• Improved processing and flow</li> </ul>   |
| A-C 629A                       | A-C 316A                         |                     | TPU                  | <ul style="list-style-type: none"> <li>• Improved processing and flow</li> <li>• External lubricant</li> </ul>   |
| A-C 316A                       |                                  |                     | PBT/PET              | <ul style="list-style-type: none"> <li>• Efficient release agent</li> </ul>  |
| AClyn 285A                     |                                  |                     | GR                   | <ul style="list-style-type: none"> <li>• Highly efficient nucleating agent and flow enhancer</li> </ul>  |
| A-C 3A                         | ACumist® B6 (0.5 phr)            |                     | EPS                  | <ul style="list-style-type: none"> <li>• Highly efficient nucleating agent</li> <li>• Short cycle time in molding</li> </ul>   |



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-22-76-EN | 09/22

© 2022 Honeywell International Inc.

THE  
FUTURE  
IS  
WHAT  
WE  
MAKE IT

**Honeywell**