

## ULTRANOX® 815 Stabilizer

---

### Description

**ULTRANOX® 815 STABILIZER** is a solid antioxidant available in a convenient low dust granulated form. It has been formulated to deliver excellent process and color when compared to the conventional B blends used extensively in polypropylene stabilization, with vastly improved cost/performance characteristics.

### TYPICAL PHYSICAL PROPERTIES OF ULTRANOX® 815 STABILIZER

Appearance	White, free flowing granule
------------	-----------------------------

#### Particle size distribution

Particle Size (mm)	Ultranox 815 %
>3.35	66.8
3.35 – 2.0	22.6
2.0 – 0.5	10.1
0.5- 0.15	0.4
<0.15	0.2

#### Flow Ability – Angle Of Repose

Flow Property	AOR(deg)	Ultranox 815 (deg)
Excellent	25-30	
Good	31-35	33
Fair	36-40	
Poor	41-45	
Very Poor	>46	

### Application

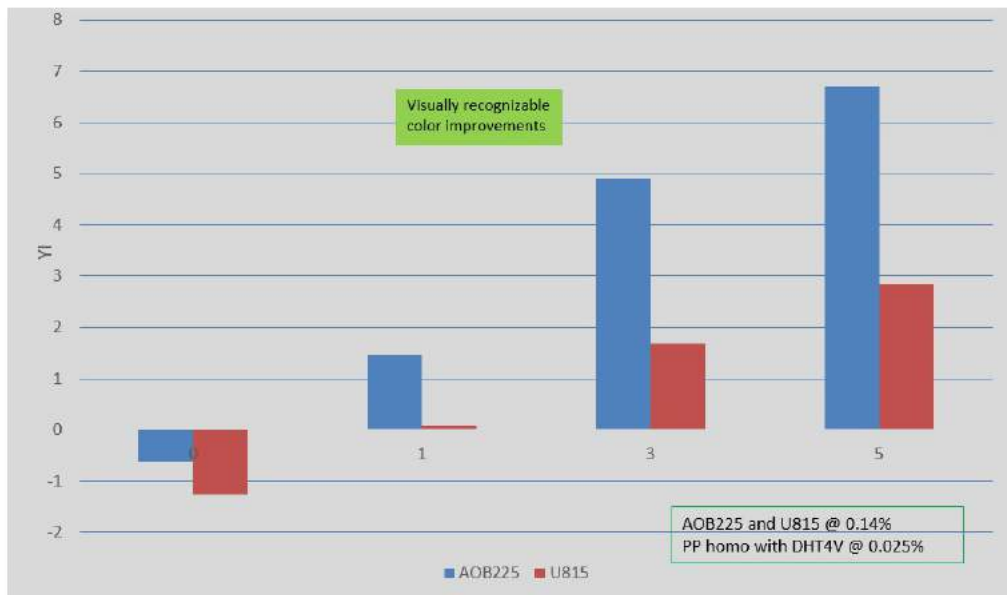
The proprietary blend is designed to replace the traditional B blends in applications that have a need for good process and color stability. The ULTRANOX 815 can be used at loading up to 65% lower than traditional B Blends while maintaining exceptional process stability and excellent color stability. The granule form allows for easy handling and minimizes dust generation that can lead to product loss and HSE concerns.

The information contained herein relates to a specific Addivant™ product and its use, and is based on information available as of the date hereof. Additional information relating to the product can be obtained from the pertinent Material Safety Data Sheets. Nothing in this Technical Data Sheet shall be construed to modify any of Addivant™ standard terms and conditions of sale under which the product is sold by Addivant™. NOTHING IN THIS TECHNICAL DATA SHEET SHALL BE CONSTRUED TO CONSTITUTE A REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, REGARDING THE PRODUCT'S CHARACTERISTICS, USE, QUALITY, SAFETY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ANY AND ALL SUCH REPRESENTATIONS AND WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED. Nothing contained herein shall constitute permission or recommendation to practice any intellectual property without the permission of the owner.

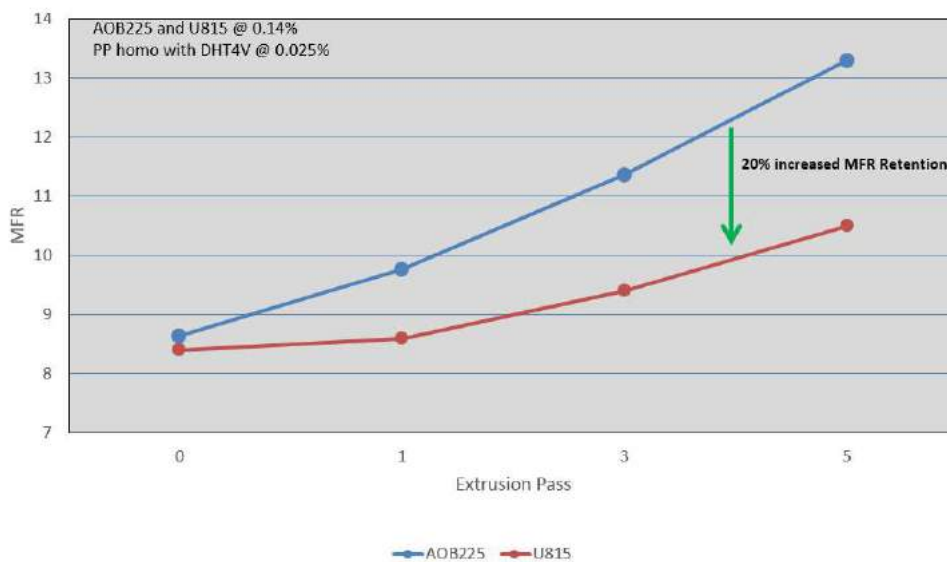
Addivant™ is a trademark of Addivant USA, LLC or one of its affiliates.

Copyright © 2013 Addivant USA, LLC. All rights reserved.

Color Stability of a PP homopolymer is improved when compared to traditional B Blends  
Multipass @ 260C



Process stability of a homopolymer PP shows remarkable improvement when  
ULTRANOX® 815 replaces AOB225



The information contained herein relates to a specific Addivant™ product and its use, and is based on information available as of the date hereof. Additional information relating to the product can be obtained from the pertinent Material Safety Data Sheets. Nothing in this Technical Data Sheet shall be construed to modify any of Addivant™ standard terms and conditions of sale under which the product is sold by Addivant™. NOTHING IN THIS TECHNICAL DATA SHEET SHALL BE CONSTRUED TO CONSTITUTE A REPRESENTATION OR WARRANTY, EXPRESS OR IMPLIED, REGARDING THE PRODUCT'S CHARACTERISTICS, USE, QUALITY, SAFETY, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ANY AND ALL SUCH REPRESENTATIONS AND WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED. Nothing contained herein shall constitute permission or recommendation to practice any intellectual property without the permission of the owner.

Addivant™ is a trademark of Addivant USA, LLC or one of its affiliates.

Copyright © 2013 Addivant USA, LLC. All rights reserved.