

# Microsere<sup>®</sup> 5816A

Manufacturer: International Group Inc.  
Classification: Wax Antiozonant and process aid  
Chemical Composition: Microcrystalline Wax

Specification Properties	Value	Test Method
Ash Content, Wt., % @ 1472 °F	0.01 maximum	ASTM D482
Typical Properties	Value	Test Method
Needle Penetration @110°F, dmm	50	ASTM D1321
Oil Content, %	1.7	ASTM D721
Physical Form	White Pellets	Typical

## > APPLICATIONS

**Uses:** MICROSERE<sup>®</sup> 5816A is a microcrystalline wax type rubber antiozonant which is highly effective in the prevention of ozone cracking and weather aging in all types of natural and synthetic rubber stocks. It has been found to give excellent performance under a wide range of climatic conditions. Inclusion of MICROSERE<sup>®</sup> 5816A into many compounds has been shown to improve mixing times, increase lubrication and to benefit mold release properties.

**Protection:** Provides ozone protection.

**Polymers:** NR, most synthetic elastomers, plastics.

**Staining:** Non-staining. Can be used in white compounds.

**Cure Effect:** No effect.

## >FDA Regulations

This product is not intended for food contact.

## > PACKAGING AND STORAGE

**Packaging:** 25 kg (55.1 lb.) bags.

**Shelf Life:** 5 years from date of manufacture if stored as indicated below.

**Storage:** Store in unopened original packages in a cool dry place.

**Specification Date:** October 1, 2014