

# Technical Information



## ARIES 1076

Web: [www.aries-chem.com](http://www.aries-chem.com)

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**Chemical Name:** n - Octadecyl-  $\beta$  -(4-hydroxy-3,5-di-tert-butyl -phenyl )-propionate

**Molecular formula:** C<sub>35</sub>H<sub>62</sub>O<sub>3</sub>

**CAS NO. :** 2082-79-3

### Performance Properties:

Appearance	White to off-white powder
Melting Range	50.0-55.0°C
Volatiles	≤0.20%
Ash	≤0.10%
Transmittance:	
@425nm	≥97.0%
@500nm	≥98.0%
Assay(HPLC)	≥98.0%

### Applications:

With good synergistic of antioxidant, ARIES 1076, DLTPD, can retard heated degradation and oxidative degradation of polymeric substances during processing and in end applications.

ARIES 1076 can be widely used for PE, PP, POM, ABS resin and other compound resin, compound rubber and petro-products. The amount to be used may be 0.1%~0.5%.

### Packaging and Storage

Paper-plastic composite bags or cardboard boxes or cardboard pails with PE inner liners, net weight 25kg, or according to customers' requirements.

Store in a cool area designed for the storage of chemicals. Period of validity: Normally 24 months.