

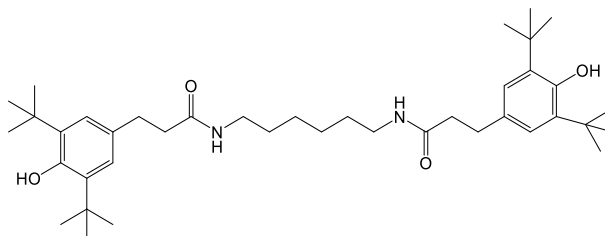
Technical Data Sheet

Antioxidant 1098 (AO)

Chemical Name: 3,3'-Bis(3,5-di-tert-butyl-4-hydroxyphenyl)-N,N'-hexamethylenedipropionamide

CAS NO.: 23128-74-7

Structure:



Features

Antioxidant 1098 is a metal deactivation and a hindered phenolic antioxidant suitable for thermoplastic resins. It has good extraction resistance and can effectively protect polymer color during processing, spinning and heat curing.

Applications

The product is highly effective especially in wire and cable applications, suitable for PE, PP, crosslinked polyethylene, EPDM, elastomer, nylon, polyurethane, polyacetal, styrene copolymer. It is often used with auxiliary antioxidant to protect polymer color during manufacturing, spinning or thermal fixation.

Typical properties

Appearance	White solid
Purity	≥98%
Light transmittance	≥97% (425nm) ≥98% (500nm)
Melting point	155-161°C
Loss on drying	≤0.5%
Ash	≤0.1%

Package & Storage

Package: 25kg carton inner with plastic bag or as customer's requirement.

Storage: Keep container tightly closed in a dry and well-ventilated place.

Safety

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling.
 All safety information is provided in the Safety Data Sheet.