

PowerSorb™ 1200 UV Absorber

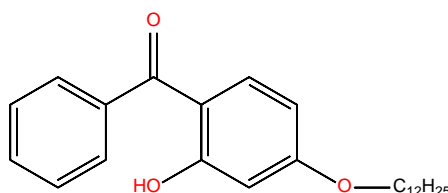
Introduction PowerSorb™ 1200 is a benzophenone UV absorber capable of absorbing ultraviolet light in the range of 270-340 nanometers.

Chemical Name 4-dodecyloxy-2-hydroxybenzophenone

CAS Number 2985-59-3

EINECS Number 221-049-6

Chemical Structure



Chemical Formula C₂₅H₃₄O₃

Molecular Weight 382.5

Physical Properties

Appearance	Light yellow crystals
Melting Point (°C)	47-49
Assay (%)	Min.99
Volatile (%)	Max.0.5
Ash (%)	Max.0.1
Transmission (460nm, %)	Min.95
Transmission (500nm, %)	Min.97

Benefits & Applications

PowerSorb™ 1200 is suitable for polyethylene, polypropylene, polystyrene, AS resin, ABS resin, polycarbonate, PVC, polyvinylidene chloride, polyester and polyamide.

Handling & Storage

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

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This product may be stored up to one year in a sealed container. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

For more detailed information please refer to the material safety data sheet.

Packing

PowerSorb™ 1200 is supplied in 20/25Kg Carton/Cardboard Barrel.

Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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