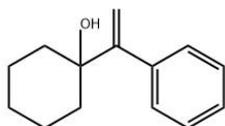




TECHNICAL DATA SHEET

Product	1-Hydroxycyclohexyl phenyl ketone
Chemical Name	IHT-PI 184; Irgacure 184; Photoinitiator 184
CAS	947-19-3
Chemical Formula	C ₁₃ H ₁₆ O ₂
Molecular Weight	204.26
EINECS Number	213-426-9
Molecular structure	



SPECIFICATION:

ITEM	STANDARD LIMITS
Appearance	White Crystalline Powder
Purity	≥99.00%
Melting Point	46.0-50.0°C
Loss on Drying	≤0.20%
Ash	≤0.10%
Transmittance	425nm≥98.0% 500nm≥98.0%
Color	≤50Hazen

Packaging:

20kgs carton.

Application:

- 1) Photoinitiator 184 is an efficient free radical type I non yellowing photoinitiator, which is used for UV polymerization of monofunctional or multifunctional polymerized acrylate monomers and oligomers. It is widely used in copy varnish, plastic coating, wood coating, adhesive, lithography ink, screen printing ink, flexographic ink and electronic products.
- 2) UV curing of acrylic varnish coatings for paper, wood, metal and plastic surfaces
- 3) As an efficient UV curing initiator and non yellowing photoinitiator
- 4) UV curable coatings and inks

Shelf Life:

1 years in original packaging containers.