

가 UV , Quenchers, HALS Phenyl Salicylates(), Benzophenone (), Benzotriazole(), (Quenchers), Radical Scavenger 1945 , 1953 , 1956 , 1957 , 1970 Hydroxy 250μm Benzophenone, Benzotriazoles, Substitutes Acrylate 400μm UV 0.1μm 가 UV

(: 1000M/T, %)				
	1983	1988	1993	
Benzotriazoles	1,050	1,200	1,460	4
Hindered Amines	800	950	1,270	6
Benzophenones/Salicylate	280	300	300	0
Salicylates	90	100	110	2
Nickel Complex	50	50	55	2
	2,270	2,600	3,195	4

) CEH

(: PUR)		
(index20)		
		5
0.5%	+ 0.5%	60
0.5% HALS		6
0.5% HALS + 0.2%		15
0.5% HALS + 0.2%	+ 0.2%	63
0.5% HALS + 0.2%	+ 0.25%	155
0.5% HALS + 0.5%	+ 0.5%	180

가 UV M/B HDPE PP

가

340μm

가

290 400μm

Quenchers

HALS

(: 0.1% , : 30μm PP)	
	(KJ/m³)
	80
0.5%	170
0.5%	210
0.5%	440
0.5%HALS	1,020

Nitroxyl

HALS

, Hydroxyamine

Ether

Nitroxyl

HALS Quenchers 가 Quenchers 가

HALS 1894 TMOP(2,2,6,6-Teramethyl-4-oxopiperidine) Nitroxyl
HALS가
1967 Sankyo 75 가 Tinuvin 770
HALS UV UV 가

HALS 가 Recipe 가
UV 가 가 PE Recipe 가
Chimassorb944 0.1% PP bag TINUVIN 770 0.1% Chimassorb 0.1%
LDPE EVA Chimassorb 944 0.15%
770 가 , 944
HALS 가 1076 2626 ,

1100 가 Benzotriazole 가
500 , HALS 400 , Octoxybenzophenone 160 , Metoxybenzophenone
가 40
HALS 가가

Uvicure-4M MISORB-BP12가 HALS Uvicure- 2,4 · Uvicure-40 ·
MIHALS-480

HALS
가 Tinuvin Chimassorb 가
CYNAMIDE가
가 가 Kg 1 3000~1 5000 1 6000
, HALS 가 Kg 2

PE, PP, ABS PVC HALS PO UV
가