

TECHNICAL DATA SHEET

INTRODUCTION :

HALS 944 ,a ppolymerized highly effective HALS with low volatility and low degradation, a fine heat stabilizer and anti-oxidant, working well with AO and UVA;Widely used in polyolefin (such as PP, PE,HDPE, LDPE, LLDPE), PEX, co-polymers

PARAMETERS	HALS 944	
Chemical Name	Poly[(6-[(1,1,3,3-tetramethylbutyl)amino]-1,3,5-triazine-2,4-diy)][(2,2,6,6-tetramethyl-4-piperidinyl)imino]-1,6-exanediy[(2,2,6,6-tetramethyl-4-piperidinyl imino)]	
CAS No	70624-18-9	
Ash	< 0.1 %	
Molecular weight	2100~3000	
Appearance	white or off yellow granules	
Volatile Matter	≤1 %	
Softening point	110~130 °C	
Density @ 20°C	1.01 g/cm ³	
Weight loss temperature	> 270 °C	
Transmittance	425 nm	≥93 %
	500 nm	≥95 %

FEATURES & APPLICATIONS :

Light Stabilizer 944 acts as a high molecular weight light stabilizer, with multiple functional groups. Exhibits solubility in organic solvents, slight solubility in methanol, and insolubility in water. Works with UV adsorbent because of its special structure and large molecular weight (3000). Used in film and fiber and in low density PE film, PP tape, EVA films, ABS, PP fiber, PE, polyacetals, polyamides, PUR, PVC, PVC blending material, PS, rubber.

PACKAGE: 25KG/CTN

SAFETY INSTRUCTIONS: Please refer to SDS for more information

For more information ,please visit : www.chemnovo.com.cn