

■ POLYMER ADDITIVES

JADEWIN AN 3019

ANTIOXIDANT

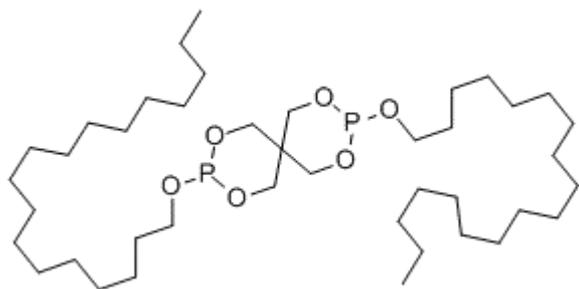
CHEMICAL COMPONENT

COMPONENT Distearyl Pentaerythritol Diphosphite

CAS 3806-34-6

FORMULA $C_{41}H_{82}O_6P_2$

M.W 732



SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION	
APPEARANCE		COLORLESS LIQUID	
CONTENT	%	≥98.50	
REFRACTIVE INDEX	60°C	1.430-1.450	
MELTING POINT	°C	52-58	
ACID VALUE	mgKOH/g	≤0.1	
VOLATILE COMPONENT	%	≤0.3	
SOLUBILITY	G/100g solvent, 25°C		
WATER: <0.01	ACETONE: 0.3	TOLUENE: 30	CHLOROFORM: 45
TGA	°C, %mass loss		
WEIGHT LOSS	%		
5	10	50	
TEMPERATURE	°C		
152	175	260	



FEATURE AND APPLICATION

- JADEWIN AN 3019 is very suitable for the polymer application which requires high temperature process because of its properties of pentaerythritol structure and high molecular weight. It contains diphosphite structure and the content of alkyl trivalent phosphorus is higher, so the antioxidation effect is more outstanding and effective.
- JADEWIN AN 3019 is produced through the phenol free process, no free phenolic residue and it is environmental friendly. Synergism when used with hindered phenol antioxidants.
- JADEWIN AN 3019 can be used in ABS, PS, HIPS, NBR, SBS, PP, PE, LLDPE, PVC, PC, PA, PET, UP etc.

PACKING

200KG Drum

STORAGE

Keep container tightly closed and dry and storage in cool place