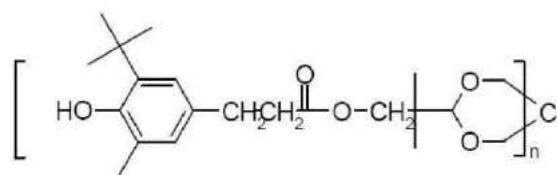


TDS of ANTIOXIDANT AO 80

CHEMICAL COMPONENT

COMPONENT 3,9-bis(2-(3-(3-tert-buthyl-4-hydroxy-5-methylphenyl)propionyloxy-1,1-dimethyl)-2,4,8,10-tetraoxaspiro[5,5]undecane CAS 90498-90-1

M.W 741



SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		WHITE TO OFF-WHITE POWDER
ASSAY	%	97.00MIN
CLARITYOFSOLUTION		CLEAR
VOLATILES	%	0.50MAX
ASH	%	0.10MAX
MELTING POINT	V	110.00-125.00
TRANSMITTANCE		
425nm	%	96.00MIN
500nm	%	98.00MIN

FEATURE AND APPLICATION

AO 80 is high molecularweight hindered phenolic antioxidant suitable for the protection of variety of polymers, such as LDPE,ABS and PET, and it is particularly recommended for PP, HDPE, LLDPE, HIPS, PBT,POM, PA, PU and Nylon. AO 80 can provide high heat stability and suppresses initial color.It is particularly suitable for polymers that are exposed to high temperatures and/or severe conditions during processing and/or in use.The application rate will depend on a number of factors including the application, the degree of protection required and effect of other additives. Typical use concentrations are 0.1-0.5%.

AO 80 is also recommended to be used in PU coatings.

PACKING

20Kg Drum, 25Kg Carton,50KG Drum

STORAGE

Keep container tightly closed and dry and storage in cool place