

● PLASTIC ADDITIVES

PLASTIC ANTIOXIDANT - AO DSTDP

PRODUCT SPECIFICATIONS

PRODUCT NAME:	AO-DSTDP
CHEMICAL NAME:	Distearyl thiodipropionate
CAS NO.:	693-36-7
DSTDP is a good auxiliary antioxidant and is widely used in polypropylene, polyethylene, polyvinyl chloride, ABS rubber and lubricating oil. It has high-melting and low-volatility. It can be used in combination with phenolic antioxidants and ultraviolet absorbers to produce synergistic effect.	
SPECIFICATIONS	
✧ Appearance:	White crystalline powder
✧ Structure:	$ \begin{array}{c} \text{O} \\ \parallel \\ \text{S} \begin{cases} \text{CH}_2\text{CH}_2\text{COC}_{18}\text{H}_{37} \\ \text{CH}_2\text{CH}_2\text{COC}_{18}\text{H}_{37} \end{cases} \\ \parallel \\ \text{O} \end{array} $
✧ Molten Colour (pt-co)	60 max.
✧ Melting Point (°C):	63.5-68.5
✧ Volatile matter (%):	0.05 max.
✧ Acid Value (ml) (as N/10 KOH ml/10 g sample)	0.05 max.
✧ Saponification value (Mg KOH/g)	160-170
✧ Ash content (%):	0.01 max.
PACKAGE:	
20kg(net) paper bag	
DSTDP should be stored in a cool, dry and ventilated place and be kept away from moisture and heat.	