

## Struktol CARSTAB® DSTDP Thioester Antioxidant

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer

### Material Notes:

CARSTAB DSTDP is especially recommended to protect polypropylene from oxidation in high temperature applications. CARSTAB DSTDP is also very effective in polyethylene and other polymers. For applications requiring superior heat stability, a combination of a hindered phenolic antioxidant and CARSTAB DSTDP should be used. It has been found that a combination of three parts of CARSTAB DSTDP is one part of hindered phenolic antioxidant often provides optimum performance. Typical use levels are 0.15% of CARSTAB DSTDP and 0.05% of phenolic antioxidant. It is recommended that specific end use formulations be optimized with regard to thioester synergist ratio and use level. FDA Status: 175.105; 175.300

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Struktol-CARSTAB-DSTDP-Thioester-Antioxidant.php](http://www.lookpolymers.com/polymer_Struktol-CARSTAB-DSTDP-Thioester-Antioxidant.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.858 g/cc	0.858 g/cc	at 80Â°C
Additive Loading	>= 0.15 %	>= 0.15 %	Typical
Molecular Weight	682 g/mol	682 g/mol	

Thermal Properties	Metric	English	Comments
Melting Point	65.0 Â°C	149 Â°F	

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	440 mu

Chemical Properties	Metric	English	Comments
Acid Value	1.0	1.0	

Descriptive Properties	Value	Comments
Appearance	White Crystalline Flaxes	

## Contact Songhan Plastic Technology Co.,Ltd.

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