

Struktol MORSTILLE DSTDP Thioester Antioxidant

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

Material Notes:

Morstille 18 DSTDP is especially recommended to protect polypropylene from oxidation in high temperature applications. Morstille 18 DSTDP is very effective in high density polyethylene and other polymers. For applications requiring superior heat stability, a combination of a hindered phenolic antioxidant and Marseille 18 DSTDP should be used. It has been found that a combination of three parts of Morstille 18 DSTDP to one part of a hindered phenolic antioxidant often provides optimum performance. Typical use levels are 0.15% of Morstille 18 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-MORSTILLE-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 pastilles	

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