

Addcomp ADD-VANCE® THC 453 PP based masterbatch containing heat stabilizers and carbon black

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Fields of application: Stabilization masterbatch for producing long fiber reinforced polypropylene for D-LFT process Examples: Long fiber reinforced pellets to be used for automotive parts, like underbody panels and shields, structural parts, etc. Mode of action and advantages: ADD-VANCE® THC 453 contains a combination of heat stabilizers and carbon black. Heat stabilizers inhibit the thermo-oxidative degradation by radical scavenging and decomposing reactive hydroperoxides. Advantages: Excellent Long Term Heat Ageing (LTHA) performance to achieve VW and D-C requirements. The minimum long term heat ageing will be 1200 hours @ 150 deg. Celsius applying 2 or 2,6% dosing level on PP, depending on the glass concentration, please see page 2); Excellent mechanical properties after heat-aging (D-C test method); Good glueing properties; High accuracy in dosing of each individual additive component in ADD-VANCE® THC 453 to ensure product consistency and a guaranteed stabilization of end-product; Optimized additive formulation to achieve lower overall addition costs and easy processing; Non-sticking pellets, dust free dosing; and Safe and easy handling. Information provided by ADDCOMP

Order this product through the following link:

http://www.lookpolymers.com/polymer_Addcomp-ADD-VANCE-THC-453-PP-based-masterbatch-containing-heat-stabilizers-and-carbon-black.php

Physical Properties	Metric	English	Comments
Bulk Density	0.500 - 0.650 g/cc	0.0181 - 0.0235 lb/in ³	

Processing Properties	Metric	English	Comments
Processing Temperature	<= 300 °C	<= 572 °F	

Descriptive Properties	Value	Comments
Appearance	Black granules	
Dosing Level	0.02	for LFT containing 20-30% glass
	0.026	for LFT containing 40% glass

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