

## Addcomp ADD-VANCE® FR 495 PP copolymer based flame-retardant compound

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

### Material Notes:

Fields of application: Injection moulded, or moulded articles (> 1,5 mm thickness) produced via Direct LFT processes Examples: Moulding parts such a under body panels, door modules, industrial parts, appliances, etc. Mode of action and advantages: ADD-VANCE FR 495 provides excellent flame retardancy to thick PP products. The flame retardant is active in the solid phase of the polymeric system. It forms a stable char, which inhibits the fire propagation. ADD-VANCE FR 495 does not contain any brominated products ADD-VANCE FR 495 contains an extra stabilization package for special long service life requirements. Advantages: Highly effective flame retardant compound for PP products (UL 94 V0 , 2.0 mm); Antimony-free system, bromine-free system; Excellent Long Term Heat Ageing (LTHA) performance to achieve VW and D-C requirements; ADD-VANCE FR 495 will provide good mechanical properties after heat-aging @ 140 deg. Celsius (D-C test method); Very good melt flow properties; PP copolymer based with an excellent impact / stiffness balance; Non-corrosive and low toxic smoke emissions; Optimal recycling properties; and Safe handling, dust free, inherent low toxicity and no environmental impact Information provided by ADDCOMP

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Addcomp-ADD-VANCE-FR-495-PP-copolymer-based-flame-retardant-compound.php](http://www.lookpolymers.com/polymer_Addcomp-ADD-VANCE-FR-495-PP-copolymer-based-flame-retardant-compound.php)

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

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0	V-0	
	@Thickness 2.00 mm	@Thickness 0.0787 in	

Processing Properties	Metric	English	Comments
Processing Temperature	<= 270 °C	<= 518 °F	

Descriptive Properties	Value	Comments
Appearance	Black granules	

## Contact Songhan Plastic Technology Co.,Ltd.

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