



## FINE Additives for Personal Protection

The guidelines from global health organizations and institutions emphasize on the use of suitable personal protective equipments (PPEs) as a measure to prevent/minimize the possibility of infection (airborne/water-borne or other). For the possibility of transmission through air and body fluids, typically it is highly recommended to use: Face protection, goggles and mask or face-shield, gloves, gown or coverall, head cover, plastic boots. Various polymers are used in these applications such as - PP, PVC, PET, PC and more. These polymers require specific functional additives in order to attain pertinent protective properties in the PPEs.

**FINE Additives are at service to offer excellent functionalities to your products!**

Issue	Function required	Base polymer	Additive suggested	Recommended dosage
Cross contamination through microbial growth	Antimicrobial	PE, PP or PVC	FinaGuard AM	0.3 to 0.75% for PE/PP 0.6 to 1.0% for PP non-woven
Absorption of fluids by the fabric	Hydrophobic	PP non-woven	Finalux G 140	0.6 to 1.0% in the end application
PP non-woven with higher water absorbency requirement	Hydrophilic	PP non-woven	Finalux G 125	An aqueous solution of Finalux G 125 is used for coating at active content of 1-3%
Enhanced filtration efficiency	Charge enhancer	PP non-woven	Finalux G 225	0.5 to 1.0 % in the end application
Formation of moisture droplets -Poor visibility	Antifogging	PP	FinaFog PP 200 + FinaFog PP 300	PP: 1% each
		PVC	FinaFog 400 for PVC	PVC: 2 to 4 phr
		PET, PC, (Also suitable for glass surfaces)	FinaFog 1014 (external) For PET/PC/glass	PET: 1-2% solution in water or IPA to be coated or sprayed externally

\*(Further product details and dosage recommendations are available on request).

**FINE Additives can offer suitable functionalities to the PPEs and can contribute impressively in minimizing/preventing the cross-contaminations ensuring premium safety during the use of your products!**

We look forward to connect and can also organize technical presentation via video conference.

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