

Materials List for:

Testing of Nanoparticle Release from a Composite Containing Nanomaterial Using a Chamber System

Gun Ho Lee¹, Kang-Ho Ahn¹, Il Je Yu²

¹Department of Mechanical Engineering, Hanyang University

²Institute of Nanoproduct Safety Research, Hoseo University

Correspondence to: Kang-Ho Ahn at khahn@hanyang.ac.kr, Il Je Yu at u1670916@chollian.net

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Materials

Name	Company	Catalog Number	Comments
Foamex	Taeyoung, R. of Korea		
MWCNT (multiwalled carbon nanotube) composite	Hanwha, Incheon, R. of Korea		2% MWCNTs in low density polyethylene
Abrasion Paper	Derfos, R. of Korea	#100	100 grit sand paper
Condensation Particle Counter (CPC)	TSI Inc, Shoreview, MN	UCPC 3775	
Optical Particle Counter (OPC)	Grimm, Ainring, Germany	1.109	
Mini Particle Sampler	Ecomasure, Saclay, France		
Quantifoil Holey Carbon Film	TED PELLA Inc. USA	1.2/1.3	
Filter Holder			custom made
Polycarbonate Filter	Millipore, USA	CAT No. GTTP02500	
Soft X-ray Ionizer (Neutralizer)	SUNJE, R. of Korea	SXN-05U	
Field Emission-Scanning Electron Microscope (FE-SEM)	Hitachi	S-4300	