

## RM case study

Case name	<b>Dust Extraction Parts</b>		
Dimensions mm (LWH)	Approx. 250 x 200 x 70 mm		
Application	Dust extraction		
RM process	Selective Laser Sintering		
Software	Unigraphics NX – Magics RP 9.5		
System	EOS P380		
Material	PA 12		
Lead time (hours/days)	Unknown		
Costs	Unknown		
Surf. finish	Sand blasting, Scratch resistant coating outside, Electrical conducting coating inside		
Mech. prop.	Unknown		
Therm. prop.	Unknown		
Any additional info	Developed in co-operation with KLM. Current dust extraction ad-ons for several sanding and grinding tool can not meet-up with KLM standards. New customised ad-ons are developed using Rapid Manufacturing Design rules. Afterwards small series of parts (+10) were built using Selective Laser Sintering Technology.		
Contact info	name	Anton Gerrits	
	organisation	TNO Science & Industry	
	website	<a href="http://www.tno.nl">www.tno.nl</a>	
	email	anton.gerrits@tno.nl	
	telephone	+31 40 2650 608	
			
			
			