



Cleanroom[®] Suitable Materials

TOTAL RESEARCH &
TECHNOLOGY FELUY SA
Report No. TO 1705-913

HIPS + Carbon Black
Particle (vs. PA6): ISO 4

FLOORING & COATING

Particle Emission

Qualification Certificate

DUPLICATE

We hereby certify that the material stated above, provided by

TOTAL RESEARCH & TECHNOLOGY FELUY SA
Seneffe, Belgium

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number TO 1705-913.

The level of particulate contamination emitted during application of tribological stress on the material pairing specified lies within the permissible values of the corresponding Air Cleanliness Class in accordance with ISO 14644-1:

Material pairing and test		Suitable for Air Cleanliness Class (ISO 14644-1)
HIPS + Carbon Black (color: black)	vs. PA6	ISO Class: 5
Reel-on-disc test Normal force 300N		

Detailed information regarding specific product data such as date of manufacture, color, and serial number as well as test environment and parameters can be obtained from the CSM test report issued by the Fraunhofer-Gesellschaft.

Stuttgart, June 15, 2017
Place, date of first document issued

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Place, current date

on behalf of 
Dr.-Ing. Udo Gommel, Project Manager Fraunhofer IPA

The validity of this certificate applies only to the mentioned product in this particular condition for a duration of 5 years.
Further information:
www.tested-device.com.
Please visit www.ipa-csm.com.