

PRACTICAL FLUE GAS PURIFICATION WITH NORIT[®] GL 20 ACTIVATED CARBON

NORIT GL 20 powdered steam activated carbon offers a simple and cost effective solution for flue gas purification. Whether you are looking to remove dioxins, furans or both, NORIT GL 20 activated carbon is a great choice.

Performance

- ◆ Good adsorption kinetics
- ◆ High removal capacity for dioxins and furans
- ◆ Low dosage rates
- ◆ Low burning/explosion risk due to minimal volatiles

Performance information

NORIT GL 20 activated carbon is the newest addition to our portfolio of flue gas purification products. The NORIT GL products are among the strongest in the market, helping customers to meet the most stringent of regulations through superior performance in removing dioxins, furans, and mercury. With the introduction of NORIT GL 20 activated carbon, we want to offer customers a European produced product that is cost effective and will help customers reach desired performance requirements. By adding NORIT GL 20 activated carbon to our flue gas purification portfolio, we are now positioned to offer a solution to every customer to meet their precise purification needs.

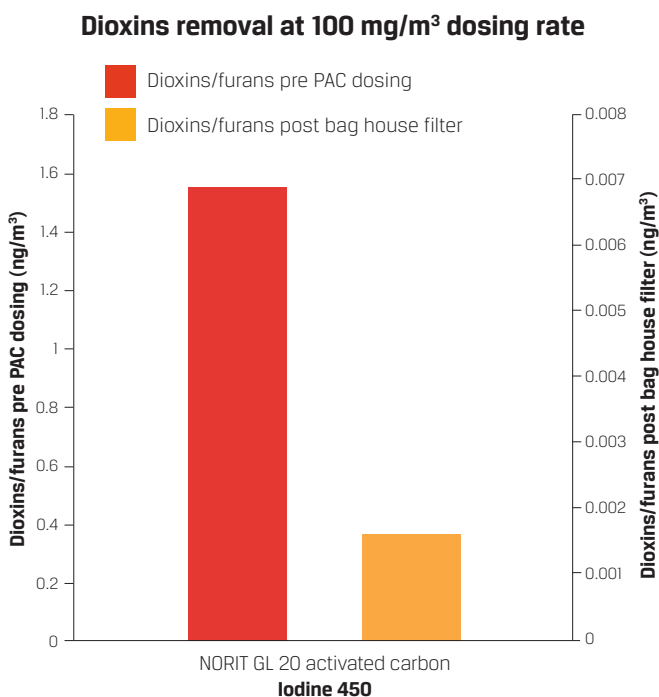
Benefits

- ◆ Competitive pricing
- ◆ High efficiency enables low carbon dosing rates
- ◆ Produced from virgin raw materials, specifically used for flue gas applications
- ◆ Experienced technical support to assist with optimal performance and safety
- ◆ Product flexibility allows use in numerous types of flue gas cleaning systems



NORIT® GL 20 activated carbon Case Study - London Waste

We teamed up with a leading UK Waste Energy from Waste Plant to gauge the performance of our new NORIT GL 20 activated carbon in "real world" conditions. The following are the results of this trial:



Conclusions

- ◆ The pre PAC concentration of dioxins/furans 1.5 ng/m³ is typical of what we see in most modern European Energy from Waste Plants
- ◆ NORIT GL 20 activated carbon performed with 99.9% efficiency
- ◆ At the existing dosing rate, NORIT GL 20 activated carbon kept LondonWaste's level of dioxins/furans significantly lower than required by their air permit
- ◆ In Cabot's experience, Iodine is not singularly correlated with dioxin/furan removal and has a limited impact on performance in field applications
- ◆ NORIT GL 20 activated carbon performed exceptionally well in the trial, due to the fact that "real world" performance is a result of a number of carbon characteristics



Our sales, technical service and customer service teams are prepared to serve customers around the world. Contact us at cabotcorp.com/activatedcarboncontact.



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