

Volvo Cars

Over the last 2 Years

Volvo Cars has fitted
40,000,000 Components
made with 100% EnviroCB 550



EnviroCB 550

Recovered Carbon Black

- ▶ Low cost
- ▶ 60% GHG savings
- ▶ Consistent performance



EnviroCB_550@2gbiopower.com
www.2gbiopower.com
+44 1480 494083

Join the
Circular Economy



EnviroCB 550

Scandinavian Enviro Systems (Enviro) has developed a process

to recover Carbon Black from used car and truck tyres.

Perfected over 20 years, their technology produces a high quality recovered Carbon Black called EnviroCB 550, which has properties similar to N550. It has:

- ◆ Consistent performance
- ◆ Low price
- ◆ Low VOCs
- ◆ Strong environmental credentials

Tested applications include rubber grommets, pipe components and seals, calendaring, tyres and rail mounts.

It is now being used in the production of rubber components and industrial tyres.

Over 40,000,000 components have been made using 100% EnviroCB 550 for Volvo Cars. Volvo is continuing to explore other applications. Meanwhile pipe components are being manufactured for Alvenius.

International tyre concluded that suitable for re-now exploring applications.



manufacturers have EnviroCB 550 is use in tyres and are specific

Environmental Credentials

Carbon Black is normally manufactured from gas or oil. Recovered carbon black production results in 60% lower GHG emissions.

Key Properties

EnviroCB 550 is tested using established ASTM methods and each batch supplied with a test certificate.

Its performance is similar to N550, but with some properties of N330. A full datasheet is available on our website.

| Property | ASTM Test Spec | |
|----------------------------------|----------------|-------------------|
| BET Surface area | 64-66 | m ² /g |
| STSA | 54-58 | m ² /g |
| Oil Absorption Number | 90-105 | m ³ /g |
| Pellets hardness (average) | < 60 | g |
| Pour Density | 430-490 | kg/m ³ |
| Sieve residue 325 mesh | < 0.01 | % |
| Transmittance of toluene extract | > 95 | % |
| pH | 6-8 | |
| Moisture content | < 0.7 | % |
| Ash content | < 9 | %* |
| Sulphur content | 2.0 - 3.0 | % |

*Excluding: Silica content (SiO₂) 5-9%; Zinc content (ZnO) 4-7%

2G BioPOWER

2G BioPOWER Is the UK supplier for EnviroCB 550.

Samples, technical advice and support are available for both compound formulation and manufacturing tests.

Commercial quantities of EnviroCB 550 are supplied in 900kg bags.

We would be pleased to discuss your specific application.

EnviroCB_550@2gbiopower.com

www.2gbiopower.com

+44 1480 494083