



July 1st, 2024

LOW PAH CARBON BLACK PRODUCTS

Compliance with GS (Geprüfte Sicherheit) Mark AfPS GS 2019:01 PAK (The GS Mark)

As a global leader in high purity performance materials, Cabot Corporation is pleased to inform our customers that Cabot certifies that the carbon black products listed below meet a specified PAH (polycyclic aromatic hydrocarbon) level to enable our customer’s final products to comply with the requirements of the GS Mark as it relates to PAHs.

GS (Geprüfte Sicherheit) Mark AfPS GS 2019:01 PAK is a voluntary certification achieved through a rigorous testing program, available from numerous laboratories, to demonstrate consumer product safety. Each certificate category has a limit on the allowable PAH levels in the finished product.

- ◆ Category 1: Most stringent requirement for PAH levels (e.g. for the silicone nipples on baby bottles or pacifiers)
- ◆ Category 2A: Toys / Long-term skin contact
- ◆ Category 2B: Other objects / long-term skin contact
- ◆ Category 3A: Toys / Short-term contact
- ◆ Category 3B: Other objects / short-term contact

For compliance with GS Mark Category 1, the following Cabot carbon blacks offer the highest level of purity and will meet the GS Mark Category 1 PAH requirements:

Table 1 Specialty Carbon Blacks		
For PAH compliance in GS Mark category 1		
Loading rate	Pellets	Fluffy
Up to 100% by weight	BLACK PEARLS® 4350 carbon black BLACK PEARLS® 4750 carbon black CSX™ 904 carbon black	MONARCH® 4750 carbon black



For PAH compliance in GS Mark categories 2A, 2B, 3A, and 3B, we are pleased to offer another series of specialty carbon black products suitable for use in applications where the carbon black is loaded in the final article upon the loading shown in the below table:

Table 2: Specialty Carbon Blacks		
For PAH compliance in GS Mark categories 2A, 2B, 3A, and 3B		
Loading rate	Pellets	Fluffy
Up to 4% weight	BLACK PEARLS® 717 carbon black BLACK PEARLS® 800 carbon black BLACK PEARLS® 3560 carbon black BLACK PEARLS® 4560i carbon black BLACK PEARLS® LA67 carbon black ELFTEX® TP carbon black VULCAN® 9A32 carbon black	ELFTEX® 415 carbon black* MONARCH® 717 carbon black MONARCH® 800 carbon black* MONARCH® 880 carbon black REGAL® 400R carbon black
Up to 40% weight	VULCAN® XC72 conductive carbon black	VULCAN® XC72R carbon black
Up to 100% by weight	BLACK PEARLS® 4350 carbon black BLACK PEARLS® 4750 carbon black CSX™ 904 carbon black	MONARCH® 4750 carbon black

*Only certain Cabot manufacturing sites are certified. Please contact your sales account manager or Cabot technical service

This statement expires one year from date of issuance. This information is being provided as of the date hereof. Please visit cabotcorp.com/responsibility for any updates to this information.

Buyer assumes full responsibility for testing and determination of suitability of a product for buyer's intended application or use according to all the applicable legal requirements.

The BLACK PEARLS, ELFTEX, MONARCH, REGAL and VULCAN names are registered trademarks of Cabot Corporation.

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