



3770 Embassy Parkway Akron, Ohio 44333
 330-535-2100 ♦ 800-321-2260 ♦ Fax 330-535-8947

CARBON BLACKS

VULCAN® 6-LP Low Polycyclic Aromatic Hydrocarbons (PAH)

PRODUCT DESCRIPTION:

Carbon Blacks are the most utilized fillers in the Rubber Industry. Based on its cost and performance, no other filler can match the properties of carbon black. Used for nearly 100 years, carbon blacks have been reinforcing rubber compounds both physically and chemically. Cabot Corporation has been producing carbon blacks for nearly 120 years and is now the world leader in the manufacturing of this essential ingredient. As part of Cabot’s ongoing commitment to address changing marketplace needs and deliver solutions to meet our customers’ future product design and processing challenges, Cabot has developed a series of low polycyclic aromatic hydrocarbons (PAH) carbon blacks, identified by the suffix “LP.” The Cabot LP carbon black series is manufactured via a special process resulting in a controlled, very low level of PAH. Vulcan 6-LP carbon black is a member of the Cabot LP carbon black series. It is a pelletized reinforcing carbon black and is characterized by a controlled, very low PAH content.

LOW PAH CARBON BLACK:

Vulcan		6-LP
TYPICAL PROPERTIES:	ASTM#	
Iodine Absorption Number, g/Kg	D1510	121
DBP Absorption, ml/100g	D2414	114
Ash, %	D1506	1.0 max
Heat Loss, %	D1509	1.0 max
35 Mesh Sieve Residue, ppm	D1514	10.0 max
325 Mesh Sieve Residue, ppm	D1514	500 max

Vulcan 6-LP carbon black is recommended for rubber articles that require a very low PAH and higher reinforcement, strength, abrasion and tearing resistance level than is offered by semi-reinforcing carbon blacks. It can be used in rubber applications currently based on ASTM N300 and N200 carbon blacks that require very low PAH content.

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