

EP Application No.: 07 844 899.0
Applicant: Cabot Corporation
Our Ref.: EP65152KG241
Date: February 1, 2016

NEW CLAIMS 1 TO 12

1. A carbon black having a low PAH content, wherein the PAH content is determined based on a PAH22 content, and said carbon black is a furnace carbon black and having the following properties:

(a) STSA: 110-250 m²/g

I₂No (mg/g)/STSA (m²/g): 1.20 to 0.70

PAH: 400 ppm or less; or

(b) STSA: 80-110 m²/g

I₂No (mg/g)/STSA (m²/g): 1.15 to 0.70

PAH: 30 ppm or less: or

(c) STSA: 65-75 m²/g

I₂No (mg/g)/STSA (m²/g): 1.10-0.88

PAH: 500 ppm or less

DBP: 115-125 mL/100 g; or

(d) STSA: 65-80 m²/g

I₂No (mg/g)/STSA (m²/g): 0.70 to 0.88

PAH: 500 ppm or less: or

(e) STSA: 1 to 35 m²/g

I₂No (mg/g)/STSA (m²/g): 1.40 to 0.70

PAH: 50 ppm or less; or

(f) STSA: 70 to 90 m²/g

I₂No (mg/g)/STSA (m²/g): 1.00 to 1.20