



Compliance with Commission Regulation (EU) No 1272/2013 of 6 December 2013, amending Annex XVII to Regulation (EC) No 1907/2006 as regards to polycyclic aromatic hydrocarbons (PAHs).

The European Commission Regulation EU 1272/2013 limits the content of eight Polycyclic Aromatic Hydrocarbons (PAHs) in the accessible rubber or plastic parts of certain articles placed on the market. Specifically, EU 1272/2013 limits the eight PAHs listed below:

- Benzo[a]pyrene
- Benzo[e]pyrene
- Benzo[a]anthracene
- Chrysene
- Benzo[b]fluoranthene
- Benzo[j]fluranthene
- Benzo[k]fluranthene
- Dibenzo[a,h]anthracene

Furthermore, the limits for the eight PAHs are stipulated below:

[Category A]: Limit = 1 mg/kg (1 ppm) for any of the eight-listed PAHs for the rubber or plastic components that come into direct, as well as, prolong or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use.

[Category B]: Limit = 0.5 mg/kg (0.5 ppm) for any of the eight-listed PAHs for the rubber or plastic components of toys, including activity toys, and childcare articles, that come into direct contact, as well as, prolonged, or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use.

Commission Regulation EU 1272/2013 applies only to the rubber or plastic components of finished articles and not to the raw materials such as carbon black, and it is the responsibility of the article producer to ensure compliance; however, Birla Carbon has recognized the needs of our customers and has conducted rigorous testing to ensure that several of our key products will be suitable for meeting the limits specified by the regulation for both Categories A and B, with a maximum 50% loading.

For the products listed in Table 1 below, we certify that the carbon black will contribute less than 0.5 ppm of any of the eight listed PAHs to the final article, when the carbon black product is used at a loading of 50% by weight or less.

Birla Carbon™ 3031	Birla Carbon™ 3034	Birla Carbon™ 3035
Birla Carbon™ 3051	Conductex™ 7054 Ultra™	Conductex™ 7055 Ultra™
Raven® 675 Ultra®	Raven® 780 Ultra®	Raven® 880
Raven® 1035	Raven® 1060 Ultra®	Raven® 1080 Ultra®
Raven® 1100 Ultra®	Raven® 1185	Raven® 1255
Raven® 2000	Raven® 2300 Ultra®	Raven® 2350
Raven® 2900 Ultra®	Raven® P	Raven® P5 Ultra®
Raven® P7 Ultra®	Raven® PFEB	Raven® UV Ultra®
Raven® FC1		

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For additional information or for updates to this information, please email bc.hse@adityabirla.com or visit www.birlacarbon.com