



The World in Motion.

Limits for PAH in Products*

* according to German Federal Institute for Risk Management (BfR) and Central Experience Exchange Committee

PARAMETER	CATEGORY 1	CATEGORY 2	CATEGORY 3
	Material in contact with foodstuff, or materials indented to be put in the mouth and toys for children aged < 36 months	Materials with foreseeable contact to skin for longer than 30 seconds (long-term skin contact) and toys not covered by category 1	Materials with foreseeable contact to skin up to 30 seconds (short term skin contact) or without skin contact
Benzo[a]pyren mg/kg	Not detectable (< 0.2)	1	20
Sum 16 PAH (EPA) mg/kg	Not detectable (< 0.2)	10	200

Polycyclic Aromatic Hydrocarbons (PAH)

- Naphtalene $C_{10}H_8$
- Acenaphthylene $C_{12}H_8$
- Acenaphthene $C_{12}H_{10}$
- Fluorene $C_{13}H_{10}$
- Phenanthrene $C_{14}H_{10}$
- Anthracene $C_{14}H_{10}$
- Fluoranthene $C_{16}H_{10}$
- Pyrene $C_{16}H_{10}$
- Chrysene $C_{18}H_{12}$
- Benzo(a)anthracene $C_{18}H_{12}$
- Benzo(b)fluoranthene $C_{20}H_{12}$
- Benzo(k)fluoranthene $C_{20}H_{12}$
- Benzo(a)pyrene $C_{20}H_{12}$
- Indeno(1-,2,3cd)pyrene $C_{23}H_{13}$
- Dibenzo(ah)anthracene $C_{22}H_{14}$
- Benzo(ghi)perylene $C_{22}H_{12}$