Test protocol

mechanical products

Product Service

Client: Playtop Ltd. **Contact person:** Mr. Nigel Allen				**Expert:** Schmidt, Carsten	**Date:** 26.04.2007	**EK: /**
Order-No.: 71321057 **Product**:	**Type/ Item No.**	**Manufacturer / Distributor**	**Certificate**	**Examinations**		**Result**
Stoßdämpfende Spielplatz-böden Impact absorbing playground surfacing						
	X	**Manufacturer:** X		**Certificate:**		
	X	**Distributor:** X		**Certificate:**		
	X	**Retailer:** Playtop Ltd.		**Rating label:**		/
	Dimensions: approx.: /			**User manual:**		/
	Weight: approx.: /			**Packaging:**		/
	Material: Synthetic			**Visual impression:**		/
Examinations	**PAK (PAH) according U.S. EPA 610. Unit: mg/kg OS.**					**Y**
	Red, round sample					
	Naphthalin					0,15 mg/kg
	Acenaphthylen					< 0,1 mg/kg
	Acenaphthen					< 0,1 mg/kg
	Fluoren					< 0,1 mg/kg

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Legend: Y = OK ; N = Not OK; SF = Special Release, NC = not checkt

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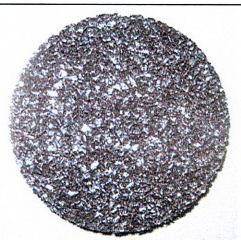
Order-No.: 71321057 Product:	Type/ Item No.	Manufacturer / Distributor	Certificate	Examinations	Result
	Phenathrene				0,21 mg/kg
	Anthracen				< 0,1 mg/kg
	Fluoranthen				0,41 mg/kg
	Pyren				2,0 mg/kg
	Benzo (a) anthracene				< 0,1 mg/kg
	Chrysene				< 0,1mg/kg
	Benzo (b) fluoranthene + Benzo(k) fluoranthene				< 0,1 mg/kg
	Benzo (a) pyrene				0,12 mg/kg
	Dibenzo (a, h) anthracene				< 0,1 mg/kg
	Indeno (1, 2, 3-cd) pyrene				< 0,1 mg/kg
	Benzo (g, h, i) perylene				< 0,1 mg/kg
	complete PAK				*2,9 mg/kg*
Examinations	**PAK (PAH) according U.S. EPA 610. Unit: mg/kg OS.**				**Y**
	**Black, round sample**				
	Naphthalin				0,16 mg/kg
	Acenaphthylen				< 0,1 mg/kg
	Acenaphthen				< 0,1 mg/kg
	Fluoren				< 0,1 mg/kg

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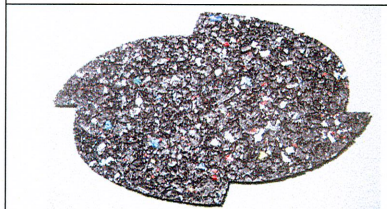
Order-No.: 71321057 Product:	Type/ Item No.	Manufacturer / Distributor	Certificate	Examinations	Result
	Phenathrene				0,39 mg/kg
	Anthracen				< 0,1 mg/kg
	Fluoranthen				1,1 mg/kg
	Pyren				4,7 mg/kg
	Benzo (a) anthracene				< 0,1 mg/kg
	Chrysene				0,10 mg/kg
	Benzo (b) fluoranthene + Benzo(k) fluoranthene				0,12 mg/kg
	Benzo (a) pyrene				0,10 mg/kg
	Dibenzo (a, h) anthracene				< 0,1 mg/kg
	Indeno (1, 2, 3-cd) pyrene				< 0,1 mg/kg
	Benzo (g, h, i) perylene				< 0,1 mg/kg
	complete PAK				*6,7 mg/kg*
Examinations	**PAK (PAH) according U.S. EPA 610. Unit: mg/kg OS.**				**Y**
	**Black, NIKE GRIND sample**				
	Naphthalin				0,18 mg/kg
	Acenaphthylen				< 0,1 mg/kg
	Acenaphthen				< 0,1 mg/kg
	Fluoren				0,17 mg/kg

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Order-No.: 71321057 Product:	Type/ Item No.	Manufacturer / Distributor	Certificate	Examinations	Result
	Phenathrene				0,63 mg/kg
	Anthracen				< 0,1 mg/kg
	Fluoranthen				0,21 mg/kg
	Pyren				0,61 mg/kg
	Benzo (a) anthracene				0,11 mg/kg
	Chrysene				0,17 mg/kg
	Benzo (b) fluoranthene + Benzo(k) fluoranthene				0,12 mg/kg
	Benzo (a) pyrene				< 0,1 mg/kg
	Dibenzo (a, h) anthracene				< 0,1 mg/kg
	Indeno (1, 2, 3-cd) pyrene				< 0,1 mg/kg
	Benzo (g, h, i) perylene				< 0,1 mg/kg
	complete PAK				*2,2 mg/kg*

Test result - Summary:

lead to the **release** (Y = OK / N = Not OK / SF = Special Release) **PAK complete max. 10 mg/kg** **Benzo (a) Pyrene < 1 mg/kg**	**Y**

Expert:	Date	Signature	Checked by	Date	Signature
Schmidt, Carsten	26.04.2007		Bardowicks Harald	26.04.2007	

This confirmation of the agreement with the valid rules of technology may be represented only in a complete wording. The use for advertising purposes requires the written approval. It contains the result of a single examination at the presented product and doesn't represent any general verdict on qualities from the steady production.

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