

PRINTEX[®] kappa 220 PWD

Product Information 0591

PHYSICO-CHEMICAL PROPERTIES

PARAMETER	METHOD	UNIT	VALUE
OAN Oil absorption number	following ASTM D 2414	ml /100 g	128
BET	following ASTM D 6556	m ² /g	175
pH	following ASTM D 1512		4
Ash content	following ASTM D 1506	%	0.02

GENERAL DESCRIPTION

- Gas black
- Medium color gas type (MCG)

CHEMICAL DESCRIPTION

Industrially produced specialty carbon black

APPLICATION

Batteries

IMPURITY LEVEL

PARAMETER	UNIT	VALUE
Iron	ppm	<10
As, Cd, Co, Cr, Cu, Mn, Mo, Ni, V, W, Zn	ppm	Sum <20

Those values are typical impurity levels that can be expected. They are not part of any specification.

FORMS OF SUPPLY

Powder, available in 10 kg paper bags

STORAGE CONDITIONS

The high surface area of specialty carbon blacks bears the inherent risk of adsorption of vapors and/or gases, which in turn impacts the product's application relevant properties. It is therefore recommended to always store specialty carbon blacks out of reach of potential contaminants and sources of contamination. Storage temperatures should not exceed 50°C.

Carbon black should be stored under cool and dry conditions. Please refer to our product safety data sheet. Densification or adsorption processes etc. may adversely affect the product's application relevant properties. This also applies to storage in silos or other closed containers. Double stacking of pallets is not recommended.

TECHNICAL LITERATURE

Technical literature on the use of specialty carbon blacks can be ordered at the below mentioned address.

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