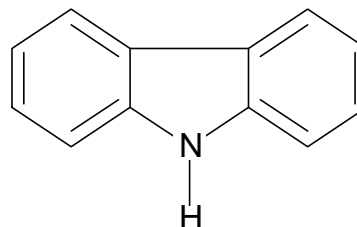


Technical Information



Carbazole 97% (pigment grade)

Reference-No.: 110805 CAS-No.: 86-74-8 UN-No.: - HS-No.: 29339990

Chemical Characterisation: Carbazole, Dibenzo(b,d)pyrrole

Description: slightly yellowish crystalline product

Supply Form: solid, small flakes

Application: pigment violet and hydron blue

Packing: fibre drums, big bags

Transport Regulations: GGVS/ADR, GGVE/RID: No dangerous good
GGVSee/IMDG-Code: No dangerous good
ICAO/IATA-DGR: No dangerous good

Storage and Handling: observe recommendations of Safety Data Sheet (and Transport Emergency Card)

Specifications	Method	Value
Carbazole	ASTM E 260	min. 97 %
Properties *)	Method	Value
Solidification Point	ASTM D 1493	240 °C
Boiling Range	DIN 51 761	351-354 °C
Flash Point	DIN EN 22 719	***
Typical Components **)	Method	Value [%]
Carbazole	ASTM E 260	97.20
Anthracene	ASTM E 260	< 0.70
Methylcarbazole	ASTM E 260	< 1.0
Soluble in:	Benzene, Hot Alcohol, Toluene, Xylene	
Insoluble in:	Water	

*) not specified, only for information; **) figures not guaranteed, can vary within specification range ***) not determinable (sublimation)

Technical information, data and information concerning functions and application of the products are to be considered empirical values. Although the information is believed to be accurate. There is no warranty by NJR Aromatics GmbH. None of the recommendations becomes part of the contractual or warranted quality of the products. Due to the fact that the conditions of individual use are beyond NJR Aromatics GmbH's control, NJR Aromatics GmbH disclaims all responsibility in connection with the use of the aforesaid material and does not warrant against any loss by reason of the supplied products.

22.02.10

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