

C	2 θ	Int	h	k	l
Carbon	43.954*	100	1	1	1
	75.375*	25	2	2	0
	91.593*	16	3	1	1
Diamond	119.685	8	4	0	0
Rad.: CuK α 1 λ : 1.5405 Filter: Ni Beta.M d-sp:	140.854	16	3	3	1
Cut off:	Int.: Diffract.	I/Icor.:			
Ref: Natl. Bur. Stand. (U.S.), Circ. 539, II, 5 (1953)					

Dx: 3.517 Dm: 3.511 SS/FOM: $F_{5,73} = 73(.0115, 6)$

Color: Colorless
Pattern taken at 26 C. Specimen was an industrial abrasive powder. CAS #: 7782-40-3. C type. Diamond group. Also called: bort.PSC: cF8. To replace 1-1249. Mwt: 12.01. Volume[CD]: 45.37.