

AB-graphite

monomer	137.15	
functional unit	120.14	
C	12.0110	7
H	1.0100	6
O	16.0000	1
N	14.0067	1

graphite wt(g)	ABA wt(g)	graphite mol	ABA mol	graphite wt	AB wt	Product wt	graphite wt%	AB wt%
2.0000	2.0000	0.1665	0.0146	2.0000	1.7520	3.7520	53.3048	46.6952

0.8689

		AB:graphite (C7H6O1N1):C	Empirical Formula				
graphite mol	AB mol	mole ratio	C	H	O	N	FW
0.1665	0.0146	11.4187	18.4187	6.0000	1.0000	1.0000	257.2937

Theoretical				Found				Found				
%C	%H	%O	%N	%C	%H	%O	%N	C mol	H mol	C:H	C (7+X)	
85.9823	2.3553	6.2186	5.4439	86.03059	1.944427967	6.9051	5.11992693	7.1499	1.9208	3.7223	22.3340	
				85.72417	1.935613751	7.3056	5.03466225					
				average	85.8774	1.9400	7.1053	5.0773				

Found Formula					Found Calculation			
C	H	O	N	FW	%C	%H	%O	%N
22.3340	6.0000	1.0000	1.0000	304.3200	88.1484	1.9913	5.2576	4.6026