

h-BN (Denki Kagaku Kogyo)

Although h-BN has been attracting attention due to its outstanding heat resistance, corrosion resistance and insulation performance, we have not yet seen the practical use of the advantageous substance. Consequently, sales volume of h-BN has not reached the expected amount due also to its high price. 60% of its production is presently consumed as moulding materials. No further price cut is expected.

Synthetic Diamond (Tomei Diamond Kogyo)

In 1984 Sumitomo Electric Industries Ltd. developed a large drop of synthetic diamond and drew public attention. However, as the artificial diamond for IC board presently involves problems in cutting and pre-coating prior to making substrate, it has not yet been put to practical use. For acoustic device, Sony and Kenwood adopt it for speakers. High price of the synthetic diamond is a barrier in increasing demand. Considering the present situation, we just can say that "the price might lower in future."

Year	1982	1983	1984	1985	1990 (prospect)	1995 (prospect)
Value (100 million yen)	29	125	207	373	236	896
Value (100 million yen)	57	234	267	491	324	1,135
Value (100 million yen)	92	353	347	523	439	1,570
Value (100 million yen)	110	420	338	596	440	1,570
Value (100 million yen)	170	640	440	854	660	2,292
Value (100 million yen)	443	1,780	352	1,094	1,000	3,466

Unit: 100 million yen.  
 Source: 100 million yen.

Note: Figures for 1985 and on are based on major manufacturers' forecasts.