

Al₂Br₇

Al_2Br_7

1987

108: 228669j Effect of the current treatment period on spectral characteristics of aluminizing xylene electrolytes. Spiridonov, B. A.; Falicheva, A. I.; Vorob'eva, R. P.; Bobryashov, A. I. (Voronezh. Politekh. Inst., Voronezh, USSR). *Izv. Vyssh. Uchebn. Zaved., Khim. Khim. Tekhnol.* 1987, 30(11), 66-70 (Russ). The electronic and IR spectra were studied of *o*-, *m*- and *p*-xylene solns. of $AlBr_3$ in dependence on the course of processing their currents (*Q*). With increase of *Q* an increase was noted of the coeff. of extinction and mixed band absorption in the longwave range. In the 820-840 and 450-460 cm^{-1} ranges absorption bands were obsd. that are characteristic of the anion $Al_2Br_7^-$.

(Pi)

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