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2. In the results below, you'll notice that bromobenzene was searched as a fragment (2-dibromobenzene). Use quotes to exclude fragments in your search: "bromobenzene," "C6H5Br," "lead selenide," "Lead selenide (PbSe)," etc. Below are the results for bromobenzene and enthalpy (19 results) and "bromobenzene" and enthalpy (14 results).

Results 1 - 10 of 19 Documents previous 1 2 next Expanded View Clear Refine

Thermodynamics > Thermodynamical Properties > Organic Compounds > Enthalpies of Fusion and Transition

Organic Compounds, C6

Metadata - Substance: bromobenzene ... p-bromobenzene ... 2-dibromobenzene ... Metadata - Property: enthalpy of fusion ... enthalpy of transition ... Fulltext: Selected Selected Selected a Includes enthalpy of transition for cr,II to cr,I, ...

Thermodynamics > Thermodynamical Properties > Binary Fluid Systems > Heats of Mixing and Solution > Bromoarenes and Hydrocarbons



C6H5Br and C6H14

Metadata - Substance: bromobenzene ... p-bromobenzene ... monobromobenzene ... C6H5Br (bromobenzene) ... Metadata - Property: excess enthalpy ... Fulltext: of component 1 HE/J mol-1, Molar excess enthalpy Method: Direct low-pressure ... A.; Grolier, J.-P. E.; Kehiaian, H. V. Enthalpy of mixing of bromobenzene with ...

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Results 1 - 10 of 14 Documents previous 1 2 next Expanded View Clear Refine

Thermodynamics > Thermodynamical Properties > Organic Compounds > Enthalpies of Fusion and Transition

Organic Compounds, C6  

Metadata - Substance: bromobenzene ... C6H5Br (**bromobenzene**) ... **Metadata - Property:** enthalpy of fusion ... **enthalpy** of transition ...
Fulltext: 18.45 ± 0.17 cm³sd, sb drop 26-and/lyn **Bromobenzene** [108-86-1] C6H5Br MW = 157.01 cr cr cr ... Selected Selected Selected a
 Includes **enthalpy** of transition for cr,II to cr,I. ...

Thermodynamics > Thermodynamical Properties > Binary Fluid Systems > Heats of Mixing and Solution > Bromoarenes and Hydrocarbons


C6H5Br and C6H14  

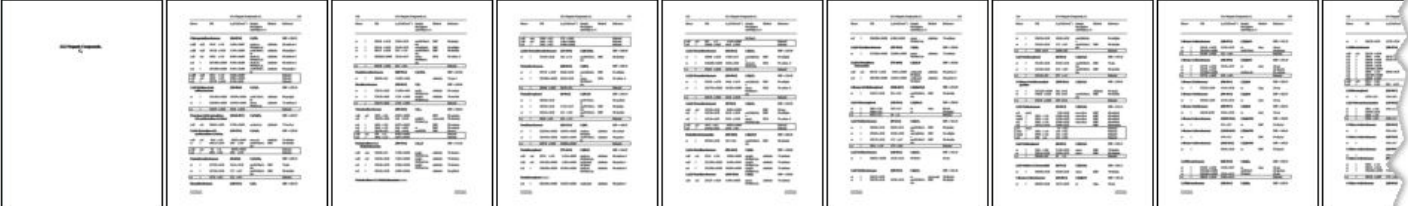
Metadata - Substance: bromobenzene ... C6H5Br (**bromobenzene**) ... **Metadata - Property:** excess **enthalpy** ... **Fulltext:** of component 1 HE/J mol⁻¹, Molar excess **enthalpy** Method: Direct low-pressure ... Number: LB1352 Components: 1. C6H5Br, **Bromobenzene** [108-86-1] 2. C6H14, Hexane [110-54-3] ... A.; Grolier, J.-P. E.; Kehiaian, H. V. **Enthalpy** of mixing of **bromobenzene** with ...

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3. In the search results, click the 'i' icon to bring up more information. In the detailed record, you'll see some key information: chapter title, volume title and volume number. The Download PDF link will not work because the UC Libraries do not subscribe to SpringerMaterials.

Organic Compounds, C6

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Cite as: RIS-Export

Zhang, Z.-Y., Frenkel, M., Marsh, K. N., Wilhoit, R. C.: *Organic Compounds, C6*. Marsh, K. N. (ed.). SpringerMaterials - The Landolt-Börnstein Database (<http://www.springermaterials.com>). DOI: 10.1007/10469434_5

Source:

Title	Organic Compounds, C6
Author	Z.-Y. Zhang, M. Frenkel, K. N. Marsh, R. C. Wilhoit
Part of	Landolt-Börnstein - Group IV Physical Chemistry Numerical Data and Functional Relationships in Science and Technology
Volume Edited by	8A: Enthalpies of Fusion and Transition of Organic Compounds
Chapter-DOI	10.1007/10469434_5
Book-DOI	10.1007/b55145 (Volume in Bookshelf)

Related Documents:


- Title, Authors, Preface
- Introduction
- Organic Compounds, C1 to C3
- Organic Compounds, C4 to C5
- Organic Compounds, C7 to C8
- Organic Compounds, C9 to C10
- Organic Compounds, C11 to C12
- Organic Compounds, C13 to C14
- Organic Compounds, C15 to C17
- Organic Compounds, C18 to C22
- Organic Compounds, C23 to C96
- References

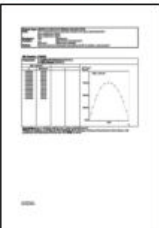
References (section 3.5):

68-and/cou-1 Andon, R. J. L.; Counsell, J. F.; Hales, J. L.; Lees, E. B.; Martin, J. F.: J. Chem. Soc. A (1968) 2357.
 69-pau/glu-1 Paukov, I. E.; Glukhikh, L. K.: Russ. J. Phys. Chem. (Engl. Transl.) **43** (1969) 754.
 69-pau/glu Paukov, I. E.; Glukhikh, L. K.: Russ. J. Phys. Chem. (Engl. Transl.) **43** (1969) 120.
 73-and/mar-1 Andon, J. L.; Martin, J. F.: J. Chem. Soc., Faraday Trans. **1** **69** (1973) 871.
 77-kos/sor Kosaki, A.; Sorai, M.; Suga, H.; Seki, S.: Bull. Chem. Soc. Jpn. **50** (1977) 810.
 73-chi/mas Chihara, H.; Masukane, K.: J. Chem. Phys. **59** (1973) 5397.

4. As you scroll down this page, you will see a list of literature references where the data in this chapter was first published. These references can be helpful, particularly if there are only a few—and they could even serve as a substitute for the Landolt chapter if you cannot get a copy. However, some chapters have dozens or even several hundred references.

C6H5Br and C6H14

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Source:

Title	C6H5Br and C6H14	Chapter Title
In	Bromoarenes + Hydrocarbons: Heat of Mixing and Solution	
Author	J.-P.E. Grolier, C.J. Wormald, J.-C. Fontaine, K. Sosnkowska-Kehiaian, H.V. Kehiaian	
Affiliation	Blaise Pascal University, Aubiere, France University of Bristol, Bristol, UK CNRS, Paris, France University of Paris VII, Paris, France	
Part of	Landolt-Börnstein - Group IV Physical Chemistry Numerical Data and Functional Relationships in Science and Technology	
Volume	10A: Binary Liquid Systems of Nonelectrolytes	Volume Title
Edited by	H.V. Kehiaian	
Chapter-DOI	10.1007/10494447_676	
Book-DOI	10.1007/b56530 (Volume in Bookshelf)	

Volume Number


One journal article reference for this data, with CrossRef link that might get you to e-journal article

Related Documents:

- C6H6 and C6H12Br2
- C6H6 and C6H12Br2
- C6H6 and C8H16Br2
- CH2Br2 and C7H8
- CH2Br2 and C8H10
- CH2Br2 and C8H10
- CH2Br2 and C8H10
- C2H4Br2 and C7H8
- C2H4Br2 and C8H10
- C2H4Br2 and C10H14
- C4H8Br2 and C7H8
- CHBr3 and C7H8
- CHBr3 and C8H10
- CHBr3 and C8H10
- CHBr3 and C8H10

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[676] **Wilhelm, E.; Inglese, A.; Grolier, J.-P. E.; Kehiaian, H. V.** Enthalpy of mixing of bromobenzene with n-alkanes, with cyclohexane, and with benzene *Thermochim. Acta* **1979**, *31*, 85-92



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Enthalpies of Fusion and Transition of Organic Compounds

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K. N. Marsh, Editor

1: Title, Authors, Preface. Pages 1-6.
Available Rendition(s) for Section: [PDF](#)

2: Introduction. Z.-Y. Zhang, M. Frenkel, K. N. Marsh, R. C. Wilhoit, Pages 1-23.
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3: Organic Compounds, C1 to C3. Z.-Y. Zhang, M. Frenkel, K. N. Marsh, R. C. Wilhoit, Pages 29-68.
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4: Organic Compounds, C4 to C5. Z.-Y. Zhang, M. Frenkel, K. N. Marsh, R. C. Wilhoit, Pages 73-114.
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5: Organic Compounds, C6. Z.-Y. Zhang, M. Frenkel, K. N. Marsh, R. C. Wilhoit, Pages 119-155.
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6: Organic Compounds, C7 to C8. Z.-Y. Zhang, M. Frenkel, K. N. Marsh, R. C. Wilhoit, Pages 159-208.
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130		3.5.3 Organic Compounds, C ₆				
Phases	T/K	$\Delta_{\text{tr}}H/(kJ\cdot\text{mol}^{-1})$	Sample Description and Purity as %	Method	Reference	
cr	1	388.00 ± 0.20	24.17 ± 0.18	cm;cs	DSC	82-poe/fan
			[329-71-5]	C ₆ H ₄ N ₂ O ₅		MW = 184.11
cr	1	381.00 ± 0.20	23.73 ± 0.18	cm;cs	DSC	82-poe/fan
			[573-56-8]	C ₆ H ₄ N ₂ O ₅		MW = 184.11
cr	1	336.00 ± 0.20	19.58 ± 0.17	cm;cs	DSC	82-poe/fan
			[577-71-9]	C ₆ H ₄ N ₂ O ₅		MW = 184.11
cr	1	407.00 ± 0.20	25.38 ± 0.25	cm;cs	DSC	82-poe/fan
			[106-51-4]	C ₆ H ₄ O ₂		MW = 108.10
cr	1	386.00 ± 0.30	18.45 ± 0.17	cm;sd, sb	drop	26-and/lyn
			[108-86-1]	C ₆ H ₅ Br		MW = 157.01
cr	1	242.43 ± 0.20	10.63 ± 0.29	cm;fd; 99.9m%;ta	conduction	37-stu
cr	1	242.401 ± 0.010	10.702 ± 0.010	sx;fd,zr; 99.998m%	adiabatic	75-mas/sco
cr	1	242.41 ± 0.02	10.702 ± 0.010			Selected

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