

## Predicted Thermal conductivity at 25 °C for [1897-45-6](#) from Consensus method

Prediction results

Endpoint	Experimental value	Predicted value <sup>b</sup>
Thermal conductivity at 25 °C mW/mK	N/A	N/A

<sup>b</sup>No prediction could be made

Individual Predictions		Test chemical
Method	Predicted value mW/mK	
Hierarchical clustering	N/A	
Single model	N/A	
Group contribution	N/A	
Nearest neighbor	N/A	

## Predictions for the test chemical and for the most similar chemicals in the [external test set](#)

*Note: No chemicals in the test set exceed a minimum similarity coefficient of 0.5 for comparison purposes*

## Predictions for the test chemical and for the most similar chemicals in the [training set](#)

If the predicted value matches the experimental values for similar chemicals in the training set (and the similar chemicals were predicted well), one has greater confidence in the predicted value.

Chemicals	MAE*
Entire set	6.18
Similarity coefficient $\geq 0.5$	2.09

\*Mean absolute error in mW/mK

CAS	Structure	Similarity Coefficient	Experimental value mW/mK	Predicted value mW/mK
<a href="#">1897-45-6</a>			N/A	N/A

100-47-0		0.74	148.50	150.59