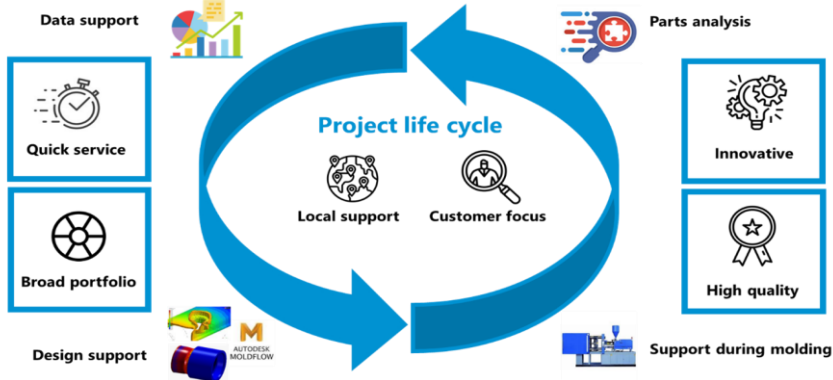




## GENESTAR™ PA9T Heat Resistant Polyamide Technical & CAE support by Kuraray



GENESTAR™ is a brand name of heat resistant polyamide developed by Kuraray. GENESTAR™ PA9T series in that brand is a well-balanced long-chain polyphthalamide (PPA) that combines low water absorption and high mechanical properties over a broad temperature range.

The launch of any injection molded parts can be made faster if the product design has been analyzed by CAE in the earlier stage and the mold has been designed based on this CAE analysis.

CAE analysis brings along benefits of time saving, cost saving, and assistance to achieve application requirements easier. CAE helps to address the need for any modifications upfront and implement prior to making the mold and production. Any changes after making mold will be very expensive and time consuming.

### Technical & CAE support to customers for product developments with GENESTAR™ PA9T (not limited to):

- |  |   |
|--|---|
|  | <ol style="list-style-type: none"> <li>1. Decide on number of gates, size and location</li> <li>2. Avoid troubles during injection molding</li> <li>3. Rank down of the molding machine size</li> <li>4. Optimise the weld line</li> <li>5. Decide location of the cooling channel and gas venting</li> <li>6. Shorten cycle time</li> <li>7. Predict warpage and optimise</li> </ol> |
|  | <ol style="list-style-type: none"> <li>1. Understanding the risk of destruction or transformation when we add stress or heat</li> <li>2. Stress or the shrinkage when adding heat to the inserts of the mold</li> <li>3. Heat transmission</li> </ol>   |
|  | <ol style="list-style-type: none"> <li>1. Analyse the properties with the addition of fibers</li> </ol>   |

If the information in this article is of interest to you, please find the contact details below to get in touch with us.

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