

INSIGHTS



SPECIALITY INNOTECH PVT LTD.

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Success story ...

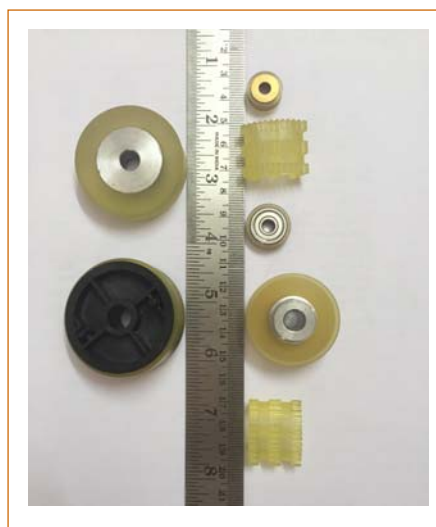
Cast Polyurethane parts for precise currency counting machines

As you know, our core strength is to doctorate the polyurethane properties as per application demand.

Here, we are sharing one of our success stories where we have not only provided most appropriate PU grade but also managed to machine the PU parts to desired close dimensional tolerances.

This was a remarkable achievement for us which in turn resulted to Import Substitution for high precision and high-volume cast PU components....

"We are small enough to be flexible and competent enough to solve your problem."



Problem Statement:

An Indian conglomerate, well-known for its IT business is also engaged in manufacturing of precise currency counting machines was in need of PU parts for their machines. These PU Parts were imported and conglomerate was looking for an Indian vendor who can produce same quality at realistic price in stipulated time frame.



SIPL's Solution:

Team Speciality studied the application and developed a special PU grade for the same.

Main challenge was the sizes of items and close tolerances. Initially, using its experience, Speciality Innotech developed a technique suitable for processing items weighing 5-10 grams.

Next task, to machine the PU parts to close tolerances was indeed tough... Using conventional machines, team Speciality developed and installed a unique machining set-up which is capable to machine cast PU to close tolerances.

We can now proudly say that our products performed as good as the imported one and were well appreciated by conglomerate's international clients.



Did you know?

Speciality Innotech has appropriate casting processes to make the product from 5 gms to 500 Kg.