



In today's automotive supplier market there is an ever-present mandate to reduce cost at all levels. During the end of 2000 one of Entec sellers covering a large tier one molder observed what he thought to be an opportunity for a significant reduction program. Armed with the knowledge of Entec Engineered Resins' significant development strides in our HYLON[®] Select Nylon 6/6 line, he prepared to present the case to earn sponsorship for the GMP.PA66.074 spec.

The specific application was for wheel cover subassemblies and related nut covers. Requirements for successful production of the units called for a highly impact modified 6/6 with a high melt flow, tight dimensional stability tolerances and long term UV resistance. It was the perfect callout for what is now recognized as HYLON[®] N1000STHLUV2-BK.

A joint effort was made and project plan was put together. The participants included, of course, the tier one molder, the OEM customer, Entec's geographic account manager, the Manchester, TN plant based technical staff, and the Detroit automotive marketing group.

While accelerated Xenon Arc Testing for weatherability was being conducted, simultaneous trials were run and data was collected to verify performance criteria in order to submit the specification approval. Upon completing the weathering and statistical processes along with the formal paper work, Entec was granted approval and is now largely active in supplying this high profile automotive application. The impact at the customer level was felt in terms of true cost reduction contributing greatly to their bottom line.

This outlines a perfect example of how the initial recognition of a potential program can be translated into a commercial success through communication, thought, knowledge and execution.

HYLON[®] SELECT

N1000STHLUV2HF-BK PA66/6