



In the automotive industry, you need PA66 products that perform to a higher standard. Vydyne® resins and compounds help you get the most out of every part you produce. For under-the-hood applications, Vydyne products deliver superior chemical and heat resistance. For exterior and interior components, Vydyne offers versatile, reliable and customizable resins. Our quality and consistency make the difference in your production efficiency.

Products Used: 47H BK0644, 47H BK0668

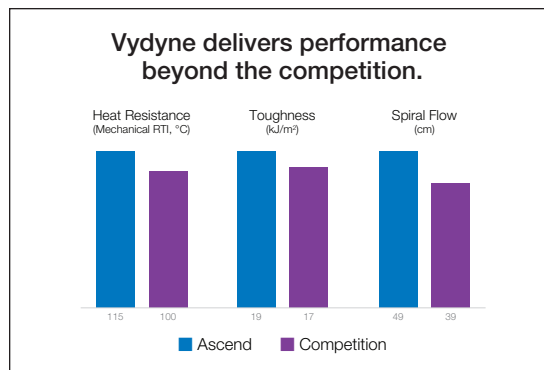
Benefits: Temperature Resistance • UV Resistance
• Superior Processability • Superior Strength • Faster Cycling

Application Description

Vydyne impact-modified grades are ideal candidates for use in high-performance, long-lasting automotive applications. With superior strength and heat properties, grades such as Vydyne 47H BK0644 and Vydyne 47H BK0668 are class leading and provide supreme performance in critical applications.

The Challenge

Cable ties used in extreme conditions in automotive applications require products that stand up to these harsh environments. The Ascend cable tie team works to ensure flawless performance of these critical fastening devices.



47H BK0644, 47H BK0668			
Property	Method	Units	DAM
Specific Gravity	ISO 1183	none	1.12
Tensile Strength	ISO 527	MPa	66
Flexural Modulus	ISO 178	MPa	2,500
Notched Izod	ISO 180	kJ/m²	19
DTUL @ 1.8 MPa	ISO 75	C	63

The Vydyne Difference for Impact-Resistant Products

Vydyne's new grades offer better flow, higher heat resistance, faster cycling and higher impact toughness than existing competitive grades. Vydyne 47H BK0644 and Vydyne 47H BK0668 have demonstrated their impact resistance in many of our customers' most challenging applications and are ready to meet *your* challenges!

For more information, see your Ascend representative or visit www.ascendmaterials.com.

