



Consumer and Industrial

Vydyne® PA66 and PA66/6 Products for
Consumer and Industrial Applications



Industrial | WATER METER

High strength, stiffness, chemical resistance, hydrolysis resistance, UV performance, good surface appearance Vydne Offering: R530, R535, R540, R550



Industrial | HARDWARE, STOCK SHAPES

High strength, good compressive strength, excellent wear resistance, chemical resistance Vydne Offering: 22HSP, 21SPC, 21SPF, 20NSP1, R515, R525, R530



Industrial | THERMAL BREAKS

High strength, temperature resistance, CLTE match to aluminum, dimensional stability Vydne Offering: 50BWFS, R525, R530, R535, R540, R550



Industrial | MONOFILAMENT

Excellent abrasion resistance, chemical resistance, good bend recovery Vydne Offering: 63A, 65A, 75HF, 66B, 67B



When specifying Vydne PA66 from Ascend Performance Materials, customers expect consistent product quality, performance and security of supply anywhere around the world.

Product consistency

Our customers require perfect polymer. Ascend's complete integration of PA66 manufacturing from the basic building blocks of propylene, ammonia and natural gas to packaged product gives us control of every aspect of our PA66 production.

Reliability

Multiple manufacturing sites give Ascend duplicate capability to assure security of supply even in volatile market conditions. Our versatile assets enable us to cost effectively produce commodity grades while also having the ability to customize products for special applications.

Value

Our integration, scale and experience provide you world scale, high quality PA66 at competitive pricing everyday in every region of the world. And we're with you at every step. From PhD scientists to field service engineers, Ascend positions its support team near you to provide quick, effective solutions.

Dependable

Lean on Ascend for a full portfolio of PA66 products and the technical support to turn your needs into solutions.



For more information about what Vydne products can do for you, call your sales representative or visit www.ascendmaterials.com.



Consumer | LIGHTERS

Fast molding cycle, high strength, self-extinguishing, chemical resistance, dimensional stability Vydne Offering: 21SPC, 21SPF, 20NSP1

Consumer | BABY STROLLER

Durability, high strength, good appearance Vydne Offering: 22HSP, 21SPC, 21SPF, 47H, R525, R530



Consumer | BUCKLES

High strength, chemical resistance, low temperature performance, snap fit Vydne Offering: 22HSP, 21SPC, 21SPF, 20NSP1, 47H



Consumer | KITCHENWARE

High strength, stiffness, chemical resistance, high heat resistance, food approvals Vydne Offering: 21SPC, R515, R525, R530, R535



Vydne® Products for Consumer and Industrial Applications

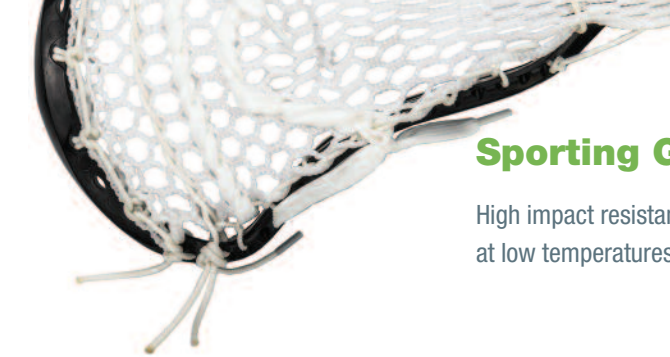
Category ▶	General-purpose					Impact-modified			Glass-filled					High-viscosity									
Product ▶	50BWFS	22HSP	21SPC	21SPF	20NSP1	49H	47H	41H	R515	R525	R530	R535	R540	R550	63A	65A	75HF	75HB	66B	66J	66R	67B	67R
Characteristics ▶		Heat-stabilized	Lubricated, fast cycle			Low-impact	Medium-impact	High-impact	15% glass	25% glass	30% glass	35% glass	40% glass	50% glass	Low RV		Medium RV				High RV		
Applications ▼																							
Consumer																							
Aerosol Valves																							
Buckles																							
Kitchenware																							
Lighters																							
Strollers																							
Film																							
Food Packaging																							
Oven Bags, Pan Liners																							
Sausage Casings																							
Vacuum Film (Industrial)																							
Industrial																							
Casters/Wheels																							
Gears																							
Hardware (screws, washers, clips)																							
Monofilament																							
Pulleys																							
Rail Fasteners																							
Stock Shapes, Machined Components																							
Thermal Breaks																							
Water Meter, Pump Housings																							
Sporting Goods																							
Gun Stocks																							
Hockey Skate Blade Holder																							
Lacrosse Head																							
Ski and Snowboard Bindings																							
Wheel and Hubs																							

Increased Productivity ▶

Increased Toughness ▶

Increased Strength ▶

Increased Melt Strength ▶

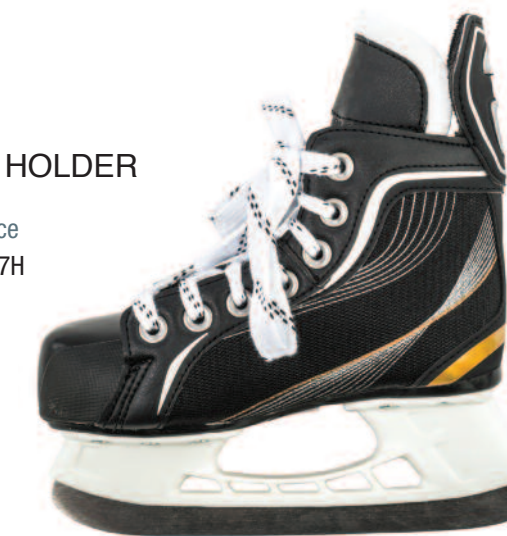


Sporting Goods | LACROSSE HEAD

High impact resistance, stiffness, performance at low temperatures Vydne Offering: 41H, 47H

Sporting Goods | BLADE HOLDER

High impact resistance, stiffness, performance at low temperatures Vydne Offering: 41H, 47H



Film | FOOD PACKAGING

Puncture resistance, good barrier properties, high heat resistance, food approvals Vydne Offering: 75HB, 63A, 65A, 66B, 66J, 66R

Consumer | AEROSOL VALVES

High productivity, chemical resistance, high strength, dimensional stability Vydne Offering: 21SPC, 21SPF, 20NSP1





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