

High Performance Polymers for the Most Demanding Applications

Nylene manufactures compounded nylons and copolymers, impact modified for flexibility, impact strength, and color.

Glass & Mineral Reinforcement
Impact Modified
Custom Additives



Applications Guide

Primary Application	Suggested Grade	Resin Type	Key Property for This Use
Backpack Frame	Nylene 5233	PA6	Stiff & tough
Backpack Frame	Nylene 5213	PA6	Stiff & tough
Flashlight Housing	Naxel PC41	PC	High impact resistance, colorable
Flashlight Housing	Naxalloy	PC/ABS	Tough, lower cost than PC
Golf Cart Handles	Nylene 4114-33	PA6/6	Stiff and tough
Hockey Helmet	Nylene 4114-33	PA6	High stiffness, high toughness
In-Line Skate	Nylene 5233	PA6	High stiffness, good surface
In-Line Skate	Nylene 4114-33	PA6/6	High stiffness, more toughness
Knife Handle	Nylene 401	PA6	Excellent surface, good feel
Knife Handle	Nylene 5213	PA6	Higher stiffness, good surface
Lacrosse Stick	Nylene 4114	PA6/6	Very high toughness
Paddle Blade	Naxel PC504	PC	Stiff, high toughness
Rifle Stock	Nylene 5233	PA6	Highest stiffness, good surface
Rifle Stock	Nylene 5213	PA6	Some stiffness, good surface
Snowmobile Hood	Naxalloy	PC/ABS	High toughness and low warp
Strap Clip	Nylene 132	PA6/6	Tough and strong
Strap Clip	Nylene 401	PA6	Tough and strong
Water Bottle Cage	Nylene 5213	PA6	Good springback
Water Bottle Cage	Nylene 4114-14	PA6/6	Stiff and tough

Sports and Leisure

Tough, Durable and Flexible

Nylon's toughness has made it the ideal material for sporting and outdoor leisure applications.

Nylene offers resins with high flexibility, abrasion resistance and high impact strength across a wide range of temperatures.



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