



NYTEF Plastics

Product Line Card

ACETAL

Unital® H	Delrin® 150 Acetal Homopolymer (POM)--Excellent toughness, FDA Compliant
Unital H BK	Delrin Black 150 Acetal Homopolymer--FDA Compliant
Unital C	Acetal Copolymer (POM), Best machinability, improved chemical resistance, FDA Compliant
Unital C BK	Acetal Black Copolymer --FDA Compliant
Unital Lf-13	Acetal Homopolymer, 13% PTFE Powder filled -- Low friction, FDA Compliant, brown color
Delrin 100AF-13	Delrin Homopolymer, 13% PTFE Fiber Filled -- Low friction, brown color
Delrin 100AF-20	Delrin Homopolymer, 20% PTFE Fiber Filled -- Lowest friction, brown color
Delrin DE-588	Delrin 100 AF , fully certified for U.S. Navy use, brown color
Unital esd	Acetal Copolymer, Static Dissipative IDP filler/non-carbon, 10^{10} - 10^{12} ohms/sq., beige color

EXTRUDED NYLON

Unipa® 6/6	Nylon 6/6, Unfilled -- Natural and black, natural is FDA Compliant
Unipa Ld	Nylon 6/6, Molybdenum Disulfide (MoS₂) Filled -- Wear resistant, mottled dark gray color
Unipa Im	Nylon 6/12, Low Moisture Absorption --High impact resistance -- off-white color
Unipa Rg-30	Nylon 6/6, 30% Glass Fiber Filled -- High strength and stiffness -- cream color
Unipa Rk	Nylon 6/6, Kevlar® Fiber Filled -- Highest PV limit of any Nylon, FDA Compliant, gold color
Unipa im	Nylon 6/6, Zytel® ST801 -- "Super Tough", premium impact resistance, off-white color

CAST NYLON

Unipa M	Cast Nylon 6, Natural -- FDA Compliant
Unipa MLd	Cast Nylon 6, Molybdenum Disulfide (MoS₂) Filled -- gray/black color
Unipa Mh	Cast Nylon 6, Heat Stabilized -- Premium stiffness at elevated temperatures
Unipa MLo	Cast Nylon 6, Oil Filled -- Low friction and wear
Unipa MRg	Cast Nylon 6, Glass Fiber Reinforced -- 20% and 30% filler levels, off-white color

HIGH PERFORMANCE MATERIALS

Unicar® PC	Polycarbonate , Natural and black, mechanical grade, natural is transparent.
Unicar Rg-20 BK	Polycarbonate, 20% Glass Fiber Filled -- Superior stiffness, black color
Unilate® PBT	PBT , Polybutylene Terephthalate-- Excellent toughness, FDA/USDA/3-A/NSF Compliant
Unipet® PET	PET , Polyethylene Terephthalate -- Excellent dimensional stability, FDA/USDA/3-A Compliant
Uninor® PPO BK	Noryl® EN265 -- Polyphenylene oxide and styrene, UL Rated V-0, black color
Uninor Rg-30	Noryl, 30% Glass Fiber Filled -- Superior stiffness, gray color, FDA Compliant
Uninar® PVDF	740 Grade - FDA/USDA/3-A/NSF/USP VI Compliant, translucent cream color
Unitem® PEI	Ultem® 1000 -- Polyetherimide, natural amber color, FDA/USDA/USP VI Compliant
Unitem PEI BK	Ultem 1000 -- Polyetherimide, black color
Unitem Rg	Ultem, Glass fiber filled -- 20%, 30%, and 40% filler levels, superior stiffness
Unifone® PSU	Polysulfone -- Natural light amber color, FDA/USDA/3-A/NSF/USP VI Compliant available
Unitron® PPS	Polyphenylene Sulfide -- Unmatched chemical resistance and stability, light beige color
Unitrex® PEEK	Polyetheretherketone -- Best all around performance, FDA Compliant, light beige/gray color
Unitrex Rg-30	PEEK, 30% Glass fiber filled -- Superior stiffness, light gray color



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CUSTOM PRODUCTS

Uniloy®	Xenoy® PBT/PC Alloy – Economical blend of chemical resistance and dimensional stability
Unithane®	Isoplast® Rigid polyurethane – Excellent toughness and chemical resistance
Unimer®TPE	Hytrel® Thermoplastic elastomeric – Elasticity of rubber with outstanding chemical resistance
Unitene® PMP	TPX® Polymethylpentene – Lightweight and excellent chemical resistance
Unilar® ECTFE	Halar® Ethylene Chlorotrifluoroethylene – Outstanding chemical resistance
Unidel® PAR	Ardel® Polyarylate – Good chemical resistance and dimensional stability
Unipen® PPSU	Radel® R Polyphenylsulfone – Outstanding toughness, 415°F CUT, USP Class VI Compliant
Unipes® PES	Radel A Polyethersulfone – High stiffness and excellent chemical resistance, FDA Compliant
Unipa RkLf	Nylon 6/6, Kevlar Fiber Filled with PTFE lubricant, FDA Compliant
Unipa RkLd	Nylon 6/6, Kevlar Fiber Filled with molybdenum disulfide (MoS ₂) lubricant
Unipa MATpe	Cast Nylon 6, Impact Modified -- High impact resistance
Unirum® PI	Aurum® Polyimide – Temperature resistance to 480 F, excellent wear resistance
Unitrex	PEEK , Black, bearing & wear grade and 30% carbon fiber filled grades available

NYTEF PLASTICS

Nytec Plastics, Ltd. is dedicated to supplying our customers with the highest quality thermoplastic stock shapes for machining. We manufacture and stock a full line of thermoplastic materials in the widest variety of rod, plate, and tubular bar sizes. In addition, we offer over 35 years of experience in the custom extrusion of our customer's application specific and proprietary resins. We offer full technical support for all products.

CUSTOMER CONTACTS

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Technical Service: Bart Feys

Unital Acetal and Unipa Nylon 6/6 are available in Square and Hex Rods.
 Unital Acetal and Unipa Nylon 6/6 are available in Rectangular Bar with widths ranging from 1" to 6".
 Custom cutting to length & grinding (rod) and cut-to-size & planing (sheet) services are available.

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