

Product Information

## Ensinger Penn Fibre Materials & Capabilities

Material	Coils	Cast Coils	Sheets 2' x 4'	Sheets 4' x 8'
60/40 PC_PBT w/ 5% Imp. Modifier Colors	.015 to .062	NA	.031 to .125	NA
Carbo-Rite™ ESD	.010 to .062	NA	.031 to .125	NA
Celanex® 1600 Modified Nat PBT	.010 to .093	NA	.031 to .125	NA
Celanex® 2002 PBT	.010 to .093	NA	.031 to .125	NA
Celanex® 2016 - VO PBT	.010 to .093	NA	.031 to .125	NA
Delrin® AF - 20%	NA	NA	NA	NA
Fishpaper	.007 to .031	NA	NA	NA
HIPS Black	0.040	NA	NA	NA
HIPS Nat	.015/.020/.031/.040/.062	NA	NA	NA
HYDEX® 4101 Nat & Black (PBT 1700A)	.010 to .093	NA	.031 to .125	NA
Hytrel® TPC-ET 4056	.020 to .062	NA	.062 to .125	NA
Hytrel® TPC-ET 4069	.020 to .062	NA	.062 to .125	NA
Hytrel® TPC-ET 5555 HS	.010 to .125	NA	.031 to .125	.062 to .125
Hytrel® TPC-ET 5556	.010 to .125	NA	.031 to .125	.062 to .125
Hytrel® TPC-ET 6356	.010 to .125	NA	.031 to .125	.062 to .125
Hytrel® TPC-ET 7246	.010 to .125	NA	.031 to .125	.062 to .125
Mylar® A PET	.005/.0075/.010/.014	NA	NA	NA
Nylatron® GS	.010 to .125	NA	.031 to .250	.062 to .250
Nylon 11	.020 to .093	NA	.031 to .125	NA
Nylon 12	.020 to .093	NA	.031 to .125	NA
Pennite® 4508 Nylon 6 Black 15% GF	.015 to .062	NA	.031 to .250	.062 to .250
Pennite® 4512 Nylon 6 Black 12% GF	.015 to .062	NA	.031 to .250	.062 to .250
Pennite® LGFR 10% to 40% Nat & Black	.010 to .125	NA	.031 to .250	.062 to .250
PETG	.020 to .062	NA	.031 to .125	NA
PET-GF30 TF15 Nat	.015 to .062	NA	.031 to .125	NA
Polyester	.005/.0075/.010/.014	NA	NA	NA
TECAFINE® HDPE Nat & Black & Colors	.010 to .125	NA	.031 to .250	.062 to .250
TECAFINE® LDPE Nat & Black & Colors	.010 to .125	.010 to .031 Nat Only	.031 to .187	NA
TECAFINE® PP GF15 Polypro 15% GF Nat & Black	.010 to .125	NA	.031 to .125	.062 to .125
TECAFINE® PP GF10 Polypro 10% GF Nat & Black	.010 to .125	NA	.031 to .125	.062 to .125
TECAFINE® PP GF20 Polypro 20% GF Nat & Black	.010 to .125	NA	.031 to .125	.062 to .125
TECAFINE® PP Polypro Nat & Black & Colors	.010 to .125	.010 to .031 Nat Only	.031 to .250	.062 to .250
TECAFLON® PVDF Nat	.010 to .080	NA	NA	NA
TECAFORM® AD (Delrin® Nat & Black & Colors)	.010 to .125	.010 to .025	.031 to .250	.062 to .125
TECAFORM® AD AF (Delrin® AF - 13%)	.020 to .093	NA	.031 to .250	NA
TECAFORM® AH Acetal Nat & Black & Colors	.010 to .125	.010 to .025	.031 to .250	.062 to .250
TECAFORM® AH Black (Acetal 2% Carbon Black)	.010 to .125	NA	.031 to .250	.062 to .250
TECAFORM® AH SD Acetal Nat & Black	.020 to .062	NA	.031 to .250	.062 to .250
TECAMID® 6 (Nylon Type 6 Nat & Black & Colors)	.010 to .125	.010 to .035 Nat Only	.062 to .250	.062 to .250
TECAMID® 612 Nylon 6/12 Nat & Black	.010 to .125	NA	.031 to .250	NA
TECAMID® 66 black (Nylon 2% Carbon Bk)	.010 to .125	NA	.031 to .250	.062 to .250
TECAMID® 66 GF13, GF33 Nylon 6/6 13% & 33%	.015 to .093	NA	.031 to .125	NA
TECAMID® 66 HI heat stable nylon Nat & Black	.010 to .125	NA	.031 to .250	.062 to .250
TECAMID® 66 MO molly filled Nylon	.010 to .125	NA	.031 to .250	.062 to .250
TECAMID® 66 Nylon 6/6 Nat & Black & Colors	.010 to .125	.010 to .025 Nat Only	.031 to .250	.062 to .250
TECAMID® 66 Nylon MDS 13% & 33%	.015 to .093	NA	.031 to .125	NA
TECAMID® 66 ST Nylon ST 801 HS Nat & Black	.010 to .125	NA	.031 to .250	.062 to .250
TECAMID® 66 ST Nylon ST 801 Nat & Black	.010 to .125	NA	.031 to .250	.062 to .250
TECAMID® Nylon ST 801AW BK-195	.010 to .125	NA	.031 to .250	.062 to .250

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TECAMID® 66 HI MO heat stable molly filled	.010 to .125	NA	.031 to .250	.062 to .250
TECANAT® Polycarbonate Nat & Black	.010 to .062	NA	.040 to .125	NA
TECANYL® PPO (Noryl™ EN 265-701 Black PPO)	.010 to .062	NA	.031 to .125	NA
TECAPEEK® CMF PEEK	.020 to .062	NA	.062 to .125	NA
TECAPEEK® GF30 PEEK 30% GF	NA	NA	.040 to .062	NA
TECAPEEK® PEEK Nat & Black	.020 to .062	NA	.040 to .187	NA
TECAPEI™ GF10 Ultem® 2100 GF PEI	.020 to .062	NA	.040 to .062	NA
TECAPEI™ GF20 Ultem® 2200 GF PEI	.020 to .062	NA	.040 to .062	NA
TECAPEI™ GF30 Ultem® 2300 GF PEI	.020 to .062	NA	.040 to .062	NA
TECAPEI™ Ultem® 1000 Nat & Black PEI	.010 to .062	NA	.040 to .125	NA
TECAPEI™ Ultem® 9000 PEI	.020 to .062	NA	.040 to .125	NA
TECAPET™ PET	.020 to .062	NA	.031 to .125	NA
TECAPET™ PET (Melinex® PET)	.005/.0075/.010/.014	NA	NA	NA
TECARANT™ ABS Nat & Black & Colors	.010 to .125	NA	.031 to .250	.062 to .187
TECASON® R (Radel® PPSU)	NA	NA	NA	NA
TECASON® S Polysulfone Nat & Black	.010 to .062	NA	.040 to .125	NA
TECATRON® GF40 PPS 40% GF Nat & Black	.015 to .062	NA	.031 to .250	NA
TECATRON® PPS Unfilled Nat & Black	.010 to .062	NA	NA	NA
Teflon® PTFE	.005 to .125	NA	NA	NA
Topas® COC	.015 to .062	NA	.031 to .125	NA
UHMW PE	.015 to .125	NA	NA	NA
Valox™ 310 SEO Nat & Black PBT	.010 to .125	NA	.031 to .125	NA
Valox™ 357 Nat & Black PBT	.010 to .125	NA	.031 to .125	NA
Vandar® 2100 PBT	.010 to .125	NA	.031 to .125	NA
Vandar® 8000 PBT	.010 to .125	NA	.031 to .125	NA
Vandar® 8929 PBT	.010 to .125	NA	.031 to .125	NA
Vandar® 9116 PBT	.010 to .125	NA	.031 to .125	NA
Vulcanized Fibre (Black, Red, Gray)	.010 to .093	NA	NA	NA
Vydyne® 66J Nat & Black & Colors	.010 to .125	NA	.031 to .250	.062 to .250
Vydyne® 66R Nat & Black & Colors	.010 to .125	NA	.031 to .250	.062 to .250
Vydyne® 75HF Nat & Black	.010 to .125	NA	.031 to .250	.062 to .250

(All numbers indicate thickness in inches)

#### Width of Coils vary with thickness

.010" to .014" thick 11.5" wide max  
.015" to .019" thick 12" wide max  
.020" to .125" thick 24" wide max

Registered trade names on this publication:

Vydyne® - Ascend

Teflon® - Chemours

Celanex®, Vandar® - Celanese

Delrin®, Hytrel®, Melinex®, Mylar® - Dupont

TECAFIN™, TECAFLON™, TECAFORM™, TECAMID™, TECANAT™, TECANYL™, HYDEX® - Ensinger

TECAPEEK™, TECAPEI™, TECAPET™, TECARANT™, TECASON™, TECATRON™ - Ensinger

Pennite® & Nylatron® - Penn Fibre

Noryl™, Ultem™, Valox™ - Sabic

Radel® - Solvay

Topas® - Topas

#### Other Coils exceptions to maximum width

HIPS 12" except .040 NAT at 15" & .040 BLK at 13" wide coils

Mylar / Melinex / Polyester at 12" wide coils

Teflon 12" except .078" at 18" wide coils

UHMW 12" except .093" at 18" wide coils

Vulcanized Fibre 15" to 17" wide coils

#### Cast products up to 22" wide max

#### Slit Coils available from .250 up to width of master coil

#### Minimum quantities and lead-times vary dependent upon material & size required.

Penn Fibre may be capable of producing other materials that are not listed above.

Please contact our sales team with any questions.

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