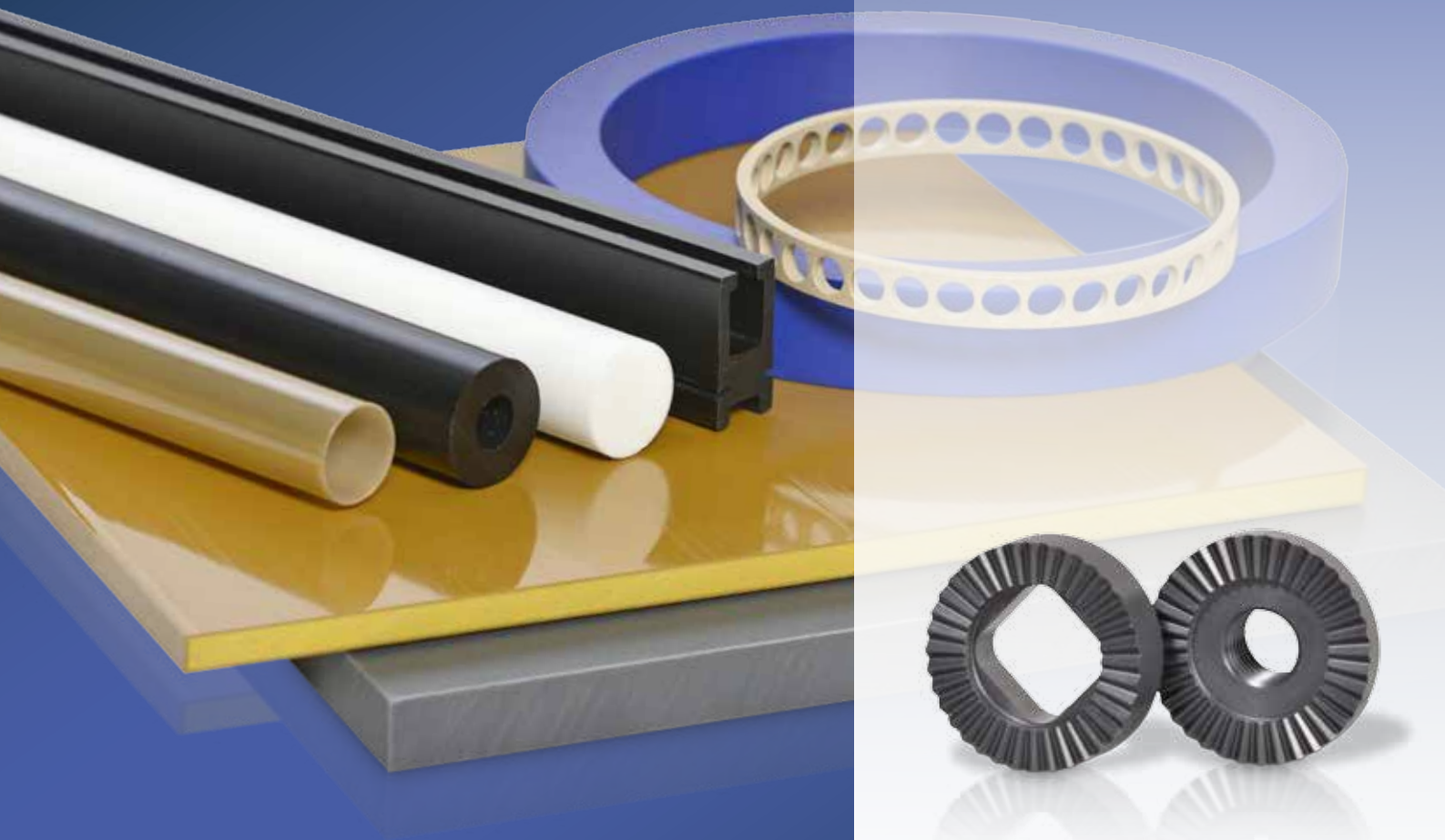


Product Reference Chart

Quadrant Engineering
Plastic Products



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QUADRANT

A Group Company of
 **MITSUBISHI CHEMICAL**

AEP

Advanced Engineering Plastics

Quadrant Brand	Colour	Chemical Acronym	Polymer Group
Duratron®			
Duratron® CU60 PBI	black	PBI	Polybenzimidazole
Duratron® U1000 PEI	amber translucent	PEI	Polyetherimide
Duratron® U2300 PEI	natural	PEI	Polyetherimide, 30% glass-reinforced
Duratron® LSG PEI	amber translucent	PEI LSG	Polyetherimide Life Science Grade
Duratron® D7000 PI	natural (chestnut)	PI	Polyimide
Duratron® D7015G PI	grey-black	PI	Polyimide + graphite
Duratron® T4203 PAI	yellow-ochre	PAI	Polyamide-imide
Duratron® T4301 PAI	black	PAI + graphite + PTFE	Polyamide-imide + graphite + Polytetrafluoroethylene
Duratron® T4501 PAI	black	PAI + graphite + PTFE	Polyamide-imide + graphite + Polytetrafluoroethylene
Duratron® T4503 PAI	yellow-ochre	PAI	Polyamide-imide
Duratron® T5530 PAI	black	PAI GF30	Polyamide-imide + 30% glass fibre
Fluorosint®			
Fluorosint® 135	black	PTFE + additives	Polytetrafluoroethylene + additives
Fluorosint® 207	white	PTFE + mica	Polytetrafluoroethylene + synthetic mica
Fluorosint® 500	ivory	PTFE + mica	Polytetrafluoroethylene + synthetic mica
Fluorosint® HPV	tan	PTFE + additives	Polytetrafluoroethylene + additives
Fluorosint® MT-01	dark grey	PTFE + additives	Polytetrafluoroethylene + additives
Ketron®			
Ketron® 1000 PEEK	natural (brownish-grey), black	PEEK	Polyetheretherketone
Ketron® CA30 PEEK	black	PEEK CA30	Polyetheretherketone + 30% carbon fibre
Ketron® MD PEEK	blue	PEEK MD	Polyetheretherketone + metal detectable additive
Ketron® TX PEEK	blue	PEEK TX	Polyetheretherketone + solid lubricant
Ketron® GF30 PEEK	natural (brownish-grey)	PEEK GF30	Polyetheretherketone + 30% glass fibre
Ketron® HPV PEEK	black	PEEK HPV + CF + PTFE + graphite	Polyetheretherketone + carbon fibre + Polytetrafluoroethylene + graphite
Ketron® CC PEEK	black	PEEK CC	Polyetheretherketone carbon fibre reinforced
Ketron® CLASSIX™ LSG PEEK	white	PEEK LSG	Polyetheretherketone Life Science Grade (Resin Invibio® PEEK-CLASSIX™ White)
Ketron® LSG PEEK	natural (brownish-grey), black, blue, red, green	PEEK LSG	Polyetheretherketone Life Science Grade
Ketron® LSG CA30 PEEK	black	PEEK CA30 LSG	Polyetheretherketone + 30% carbon fibre Life Science Grade
Ketron® LSG GF30 PEEK	blue	PEEK GF30 LSG	Polyetheretherketone + 30% glass fibre Life Science Grade
Ketron® LSG CC PEEK	black	PEEK CC LSG	Polyetheretherketone carbon fibre reinforced Life Science Grade
Quadrant®			
Quadrant® 1000 PSU	natural (yellow translucent)	PSU	Polysulfone
Quadrant® LSG PSU	natural (yellow translucent)	PSU LSG	Polysulfone Life Science Grade
Quadrant® LSG PPSU	natural, black, blue, green, grey, red, orange, yellow, brown	PPSU LSG	Polyphenylsulfone Life Science Grade
Techtron®			
Techtron® PPS	natural	PPS	Polyphenylene Sulfide
Techtron® HPV PPS	blue	PPS HPV	Polyphenylene Sulfide + solid lubricant
Techtron® GF40 PPS	black	PPS	Polyphenylene Sulfide + 40% glass fibre
Semitron®			
Semitron® ESd 225	tan	POM-H	static dissipative Polyoxymethylene
Semitron® ESd 410C	black	PEI	static dissipative Polyetherimide
Semitron® ESd 500HR	white	PTFE	static dissipative Polytetrafluoroethylene
Semitron® ESd 520HR	khaki grey	PAI	static dissipative Polyamide-imide
Semitron® 480	black	PEEK	static dissipative Polyetheretherketone
Semitron® 490HR	black	PEEK	static dissipative Polyetheretherketone
Semitron® MPR1000	natural (grey)	PAI	static dissipative Polyamide-imide + additives
Semitron® HPV	dark grey	PEEK	static dissipative Polyetheretherketone with improved surface resistivity

(1) = natural colour (2) = black colour (3) = natural, black, grey, red

Quadrant Brand	Colour	Chemical Acronym	Polymer Group
Ertacetal® / Acetron®			
Acetron® LSG POM-C	natural, black	POM-C LSG	Polyoxymethylene Copolymer Life Science Grade
Acetron® MD POM-C	blue	POM-C + MD	Polyoxymethylene Copolymer + metal detectable additive
Ertacetal® C POM-C	natural, black, blue, green, brown, grey, orange, red, yellow	POM-C	Polyoxymethylene Copolymer
Ertacetal® C ELS POM-C	black	POM-C ELS	Polyoxymethylene Copolymer electrical sensitive
Ertacetal® C LQ POM-C	natural	POM-C	Polyoxymethylene Copolymer + color additive
Ertacetal® H POM-H	natural, black	POM-H	Polyoxymethylene Homopolymer
Ertacetal® H-TF POM-H	deep brown	POM-H + PTFE	Polyoxymethylene Homopolymer + Polytetrafluoroethylene
Ertalon® / Nylatron®			
Ertalon® 4.6 PA4.6	reddish brown	PA 4.6	Polyamide 4.6
Ertalon® 6 PLA PA6	natural, black, blue	PA 6 PLA	Polyamide 6 cast
Ertalon® 6 SA PA6	natural, black	PA 6 SA	Polyamide 6
Ertalon® 6 XAU+ PA6	black	PA 6 XAU+	Polyamide 6 cast heat stabilized
Ertalon® 66 SA PA66	natural, black	PA 66 SA	Polyamide 66
Ertalon® 66-GF30 PA66	black	PA 66 GF 30	Polyamide 66 + 30% glass fiber reinforced and heat stabilized
Ertalon® LFX PA6	green, black	PA 6 LFX	Polyamide 6 + solid lubricant
Nylatron® 66 SA FR PA66	black	PA 66 SA FR	Polyamide 66 Flame retardant
Nylatron® FST PA66	natural	PA 66 FST	Polyamide 66 Flame, Smoke, Toxicity retardant
Nylatron® 703 XL PA6	purple	PA 6 703 XL	Polyamide 6 cast + internal lubricants
Nylatron® GS PA66	grey-black	PA 66 MoS ₂	Polyamide 66 + Molybdenum Disulfide
Nylatron® GSM PA6	grey-black	PA 6 MoS ₂	Polyamide 6 cast + Molybdenum Disulfide
Nylatron® SLG PA6	blue	PA 6 SLG	Polyamide 6 cast Self-lubricating Grade
Nylatron® MC 901 PA6	blue	PA 6 MC 901	Polyamide 6 cast modified
Nylatron® MD PA6	dark blue	PA 6 MD	Polyamide 6 + metal detectable additive
Nylatron® NSM PA6	grey	PA 6 NSM	Polyamide 6 cast + solid lubricant
Nylatron® RIM PA6	black	PA 6	Polyamide 6
Ertalyte®			
Ertalyte® PET-P	natural, black	PET-P	Polyethylene Terephthalate
Ertalyte® TX PET-P	pale-grey	PET-P TX	Polyethylene Terephthalate + solid lubricant
Quadrant®			
Quadrant® 1000 PC	natural (transparent)	PC	Polycarbonate non-UV-stabilized
Quadrant® LSG PC	natural (transparent)	PC LSG	Polycarbonate non-UV-stabilized Life Science Grade
Quadrant® 1055 TPE	natural	TPE	Thermoplastic Copolyester Polymer

Food			Aerospace	Medical	Oil & Gas	Railway
EU 10/2011	FDA	3-A-Dairy				
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(1) = natural, blue, black
(2) = natural
(3) = natural and blue

PE/PP

Polyethylene / Polypropylene

Quadrant Brand	Colour	Chemical Acronym	Polymer Group
Proteus®			
Proteus® LSG H PP	natural	PP	Polypropylene
TIVAR®			
TIVAR® 1000 UHMW-PE	natural, black, green, red, yellow, blue	UHMW-PE	Ultra High Molecular Weight Polyethelene
TIVAR® 1000 antistatic UHMW-PE	black	UHMW-PE	Ultra High Molecular Weight Polyethelene + additives
TIVAR® 1000 ASTL UHMW-PE	black	UHMW-PE	Ultra High Molecular Weight Polyethelene + additives
TIVAR® 1000 EC UHMW-PE	black	UHMW-PE	Ultra High Molecular Weight Polyethelene + additives (Electrical Conductivity)
TIVAR® 88 UHMW-PE	blue	UHMW-PE	Ultra High Molecular Weight Polyethelene + additives
TIVAR® 88-2	blue	UHMW-PE	Ultra High Molecular Weight Polyethelene + additives
TIVAR® BlueLine	light blue	UHMW-PE	Ultra High Molecular Weight Polyethelene
TIVAR® Burnguard UHMW-PE	black with silver spots	UHMW-PE	Ultra High Molecular Weight Polyethelene + flame retardant + additives
TIVAR® Ceram P UHMW-PE	yellow-green	UHMW-PE	Ultra High Molecular Weight Polyethelene + micro glass beads
TIVAR® CleanStat UHMW-PE	black	UHMW-PE	Ultra High Molecular Weight Polyethelene + additives
TIVAR® CleanStat White UHMW-PE	white	UHMW-PE	Ultra High Molecular Weight Polyethelene + additives
TIVAR® DrySlide UHMW-PE	black	UHMW-PE	Ultra High Molecular Weight Polyethelene + solid lubricant
TIVAR® Cestidur UHMW-PE	grey	UHMW-PE	Ultra High Molecular Weight Polyethelene + additives
TIVAR® DS UHMW-PE	yellow	UHMW-PE	Ultra High Molecular Weight Polyethelene + additives
TIVAR® ECO black antistatic UHMW-PE	black	UHMW-PE	Ultra High Molecular Weight Polyethelene, reprocessed
TIVAR® ECO green UHMW-PE	green	UHMW-PE	Ultra High Molecular Weight Polyethelene, reprocessed
TIVAR® H.O.T. UHMW-PE	white	UHMW-PE	Ultra High Molecular Weight Polyethelene + additives (Higher Operating Temperature)
TIVAR® HPV UHMW-PE	blue	UHMW-PE	Ultra High Molecular Weight Polyethelene + solid lubricant
TIVAR® MD UHMW-PE	blue	UHMW-PE	Ultra High Molecular Weight Polyethelene + metal detectable additive
TIVAR® OilFilled UHMW-PE	grey	UHMW-PE	Ultra High Molecular Weight Polyethelene + solid lubricant
TIVAR® SuperPlus UHMW-PE	grey	UHMW-PE	Ultra High Molecular Weight Polyethelene + additives, partially cross-linked
TIVAR® TECH UHMW-PE	grey-black	UHMW-PE + MoS ₂	Ultra High Molecular Weight Polyethelene + Molybdenum Disulfide
TIVAR® Cestigreen UHMW-PE	green	UHMW-PE	Ultra High Molecular Weight Polyethelene + additives
QuickSilver®			
QuickSilver®	silver-grey	UHMW-PE	Ultra High Molecular Weight Polyethelene + additives
Chirulen®			
Chirulen® 1020	natural	UHMW-PE	Ultra High Molecular Weight Polyethelene (medical grade)
Chirulen® 1050	natural	UHMW-PE	Ultra High Molecular Weight Polyethelene (medical grade)
Extrulen™			
Extrulen™ 1020	natural	UHMW-PE	Ultra High Molecular Weight Polyethelene (medical grade)
Extrulen™ 1050	natural	UHMW-PE	Ultra High Molecular Weight Polyethelene (medical grade)
PE 500			
PE 500	natural, black, green, red, yellow, blue	HMW-PE	High Molecular Weight Polyethylene
Borotron®			
Borotron® HM015 HMW-PE	natural	HMW-PE	High Molecular Weight Polyethylene + 1,5% Boric Oxide
Borotron® HM030 HMW-PE	natural	HMW-PE	High Molecular Weight Polyethylene + 3% Boric Oxide
Borotron® HM050 HMW-PE	natural	HMW-PE	High Molecular Weight Polyethylene + 5% Boric Oxide
Borotron® UH015 UHMW-PE	natural	UHMW-PE	Ultra High Molecular Weight Polyethelene + 1,5% Boric Oxide
Borotron® UH030 UHMW-PE	natural	UHMW-PE	Ultra High Molecular Weight Polyethelene + 3% Boric Oxide
Borotron® UH050 UHMW-PE	natural	UHMW-PE	Ultra High Molecular Weight Polyethelene + 5% Boric Oxide

Food			Aerospace	Medical	Linings	Oil & Gas	Railway
EU 10/2011	FDA	3-A-Dairy					
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				●			
● (1)	● (1)						

(1) = colour black is not compliant
 (2) = on demand
 (3) = colour natural
 (4) = UL94 V-O compliant

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