MITSUBISHI CHEMICAL ADVANCED MATERIALS

Product Reference Chart

Engineering Plastic Products

MCAM Brand	Colour	Chemical Acronym	Polymer Group	Food			Aerospace	Medical	Oil & Gas	Railway
				EU 10/2011	FDA	3-A-Dairy				
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 + graphite	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	khaki-grey	PAI GF30	Polyamide-imide + 30% glass fibre				●			
Fluorosint®										
Fluorosint® 135 PTFE	black	PTFE + additives	Polytetrafluoroethylene + additives				●		●	
Fluorosint® 207 PTFE	white	PTFE + mica	Polytetrafluoroethylene + synthetic mica		●		●			
Fluorosint® 500 PTFE	ivory	PTFE + mica	Polytetrafluoroethylene + synthetic mica				●		●	
Fluorosint® HPV PTFE	tan	PTFE + additives	Polytetrafluoroethylene + additives		●		●			
Fluorosint® MT-01 PTFE	dark grey	PTFE + additives	Polytetrafluoroethylene + additives				●		●	
Ketron®										
Ketron® 1000 PEEK	natural (brownish-grey), black	PEEK	Polyetheretherketone	●	●	● (1)	●		●	●
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, yellow	PEEK LSG	Polyetheretherketone Life Science Grade	● (1, 2)	● (1, 2)	● (1)		●		
Ketron® LSG CA30 PEEK	black	PEEK CA30 LSG	Polyetheretherketone + 30% carbon fibre Life Science Grade					●		
Ketron® LSG CC PEEK	black	PEEK CC LSG	Polyetheretherketone carbon fibre reinforced Life Science Grade					●		
Sultron™										
Sultron™ PSU	natural (yellow translucent)	PSU	Polysulfone		●	●	●			
Sultron™ LSG PSU	natural (yellow translucent)	PSU LSG	Polysulfone Life Science Grade		●	●		●		
Sultron™ LSG PPSU	natural, black, blue, green, grey, red, orange, yellow, brown	PPSU LSG	Polyphenylensulfone Life Science Grade	● (2)	● (3)			●		
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 POM-C	tan	POM-C	static dissipative Polyoxymethylene							
Semitron® ESd 410C PEI	black	PEI	static dissipative Polyetherimide							
Semitron® ESd 500HR PTFE	white	PTFE	static dissipative Polytetrafluoroethylene							
Semitron® ESd 520HR PAI	khaki grey	PAI	static dissipative Polyamide-imide							
Semitron® 480 PEEK	black	PEEK	static dissipative Polyetheretherketone							
Semitron® 490HR PEEK	black	PEEK	static dissipative Polyetheretherketone							
Semitron® MPR1000 PAI	natural (grey)	PAI	static dissipative Polyamide-imide + additives							
Semitron® HPV PEEK	dark grey	PEEK	static dissipative Polyetheretherketone with improved surface resistivity							

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

MCAM Brand	Colour	Chemical Acronym	Polymer Group	Food			Aerospace	Medical	Oil & Gas	Railway
				EU 10/2011	FDA	3-A-Dairy				
Ertacetal® / Acetron®										
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	● (1)	●	● (2)	●		●	●
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		● (2)		●			
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	● (3)	● (3)					●
Ertalon® 6 SA PA6	natural, black	PA 6 SA	Polyamide 6	● (2)	● (2)					
Ertalon® 6 XAU+ PA6	black	PA 6 XAU+	Polyamide 6 cast heat stabilized							●
Ertalon® 66 SA PA66	natural, black	PA 66 SA	Polyamide 66	● (2)	● (2)		●			
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 + oil							●
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, blue	PET-P	Polyethylene Terephthalate	●	● (4)	● (2)				
Ertalyte® TX PET-P	pale-grey, light-blue	PET-P TX	Polyethylene Terephthalate + solid lubricant	●	●				●	
Ertalyte® SLP PET-P	blue	PET-P	Polyethylene Terephthalate							
Altron™										
Altron™ PC	natural (transparent)	PC	Polycarbonate non-UV-stabilized		●					
Altron™ LSG PC	natural (transparent)	PC LSG	Polycarbonate non-UV-stabilized Life Science Grade		●			●		
Flextron™										
Flextron™ 1055 TPE	natural	TPE	Thermoplastic Copolyester Polymer							●

(1) = natural, blue, black; other colours FDA compliant only
(2) = natural
(3) = natural and blue
(4) = natural and black

Polyethylene / Polypropylene

MCAM Brand	Colour	Chemical Acronym	Polymer Group	Food			Aerospace	Medical	Linings	Oil & Gas	Railway
				EU 10/2011	FDA	3-A-Dairy					
Proteus®											
Proteus® LSG H PP	natural	PP	Polypropylene		●	●		●			
TIVAR®											
TIVAR® 1000 UHMW-PE	natural, black, green, red, yellow, blue, red-brown	UHMW-PE	Ultra High Molecular Weight Polyethelene	● (5)	● (1)	● (3)				●	●
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 Polyethylene + additives						●		
TIVAR® BlueLine	light blue	UHMW-PE	Ultra High Molecular Weight Polyethylene						●		
TIVAR® Burnguard UHMW-PE	black with silver spots	UHMW-PE	Ultra High Molecular Weight Polyethelene + flame retardant + additives						● (4)	● (4)	● (4)
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	●	●	● (2)					
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)	●	●	● (2)			●	●	
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						●		
QuickSilver® HD	yellow-green	UHMW-PE	Ultra High Molecular Weight Polyethylene + 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	●	● (1)						
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								

(1) = colour black is not compliant
(2) = on demand
(3) = colour natural
(4) = UL94 V-O compliant
(5) = red-brown has not been tested

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