



AURUM® TPI

Overview on available grades

Powder/ Pellet	Grade	Main Feature	Typical Application	Availability
Powder	PD450	particle size 25µm、 MI 6-11 g/10min	Compound (mid molecular)	OK
Powder	PD400	particle size 25µm、 MI 18-28 g/10min	Compound (low molecular)	by order
Pellet	PL450C	natural grade	Tube, Fiber, Film, semi-conductor mfg. Part, Wire coating	by order
Pellet	PL500A	natural grade	Extrusion film, semi-finished parts	by order
Pellet	PL450 Black	black grade	Injection Molding	OK
Pellet	JGN3030	GF 30% reinforced, high modulus	Insulation, machined parts (bush, gear). Electric/Electronic parts (sockets, connectors)	OK
Pellet	JCN3030	CF 30% reinforced, high tensile strength, high modulus	Structural material (aircraft, automobile, industrial machines)	OK
Pellet	JCF3030	30% CF / PTFE vs Steel high velocity (dry/oil), wear friction	Automotive ATF parts (sealring, bush etc.), industrial parts (seal parts)	OK
Pellet	JCL3030	CF 30% vs Steel high PV (dry/oil), wear friction	Automotive ATF /CVTparts (trust, washer, bush etc.), turbocharger parts, OA machine parts (insulator, coupling etc.), industrial parts (seal parts)	OK
Pellet	JCL3010	wear friction	Seal rings	by order
Pellet	JNF3020	20% PTFE, wear friction	OA machined parts, industrial parts (Plane bearing),	OK
Pellet	JRF3012	wear friction	Seal rings	OK
Pellet	JQF3030	coefficient of thermal expansion	Turbocharger (Abradable seal)	OK
Pellet	PL6200	crystalized	High temperature application	by order
Pellet	JCN6230	CF reinforced, crystalized	High temperature application	by order



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