

Pyromex® is an oxidised organic fiber with excellent heat and flame resistance. It also features excellent resistance to chemicals and good electrical insulation properties. In addition, unlike inorganic fibers, this fiber is highly processible for yarn spinning and weaving. Pyromex® is widely used in anti-spattering sheets for welding, fleeces or needle felts for heat protection in the automotive and aerospace industry, heat protective clothing, protective garment for furnaces, heat insulators and applications in many other fields involving flames or heat. Other applications include the use of Pyromex® as a raw material for brake or clutch discs or other high temperature carbon/carbon composite (C/C) parts. Pyromex® is produced in Japan and USA and supplied as tow and staple fiber.

		Pyromex® J / A CPX 2d 312K non-crimped tow	Pyromex® J / A CPX 2d crimped staple fiber
Number of filaments		312.000	
Linear density	den	2.0	2.0
	dtex	2.2	2.2
Tow yield (dry)	ktex	68,6	
Cut length	mm		51 and 65*
Number of crimps	1/25mm		6-12
Crimp ratio	%		8-22

* other cut length on request

Characteristics (typical values)

Strength (dry)	g/den	2,3	2,3
	cN/dtex	2,0	2,0
Elongation (dry)	%	20	20
Density	g/cm ³	1.41	1.41
Moisture content	%	7	16
Finish	%	0.5	0.5
Weight per box, net	kg	145	100

Safety instructions

The particulars for the different Pyromex® types are given in the specified and valid safety data sheets. These can be obtained through the contact address or our website.