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Automotive Sector

Peugeot Concept Cars

"Style, dynamism and reliability are the core values of the Peugeot brand. These values are reflected in the work of the Peugeot Style Centre through their designs, forms and the inimitable style showcased by the Peugeots of today and tomorrow.

Style is our priority. The mission entrusted to our designers is to create a seductive, feline car that is both dynamic and durable. The Peugeot emblem and our car culture are a constant source of inspiration. The personality of today's Peugeots is immediately recognizable by their feline look. This is a trend you will continue to see cultivated in future vehicles.

Peugeot has its own distinctive design, forged with our various models over time, an identity that is not set to change – for the drive of your life."

Gerard Welter, Director, Peugeot Style Centre

The 20Cup is the latest concept car to provide surprises from PSA Peugeot Citroen Automobiles stable. A sporty 2-seater with avant-garde styling, the 1.6 litre 16S petrol injection engine, a fruit of the collaboration between the PSA Peugeot Citroen and BMW Groups, appears for the first time in a Peugeot concept car. This supercharged four-cylinder with a turbo-compressor in this version develops a maximum power of 125 kW and produces torque that can reach 240 Nm. Thanks to its engine, which is still in the prototype stage, the 20Cup has an amazing weight/power ratio: 170hp for under 500kg.

As with other recent concepts from PSA, the 20Cup makes extensive use of ACG prepreg materials. MTM[®]49-3 prepreg materials were used in the manufacture of the 20Cup chassis and engine bulkheads.

MTM[®]49-3 offers sustained service up to 150-160°C and has proven pedigree, being the material of choice for many Formula One chassis over recent years.

The 20Cup's stylish body is manufactured from ACG ZPREG[®] BPS240 body panel system. BPS240 is steadily developing a reputation as the composite body panel of choice – constantly giving high quality moulded finishes and providing an extremely stable base to sustain "class A" painted finishes.

BPS240 and a range of other MTM[®] and VTM[®] material systems have been used across all the latest PSA concept cars for their

The majority of the 20Cup's composites components were manufactured by Application Composites (Monereau-sur-le-Jard, France).

