

Monaco Gran Prix Miniature Racing Club
MGPMRC
January 18, 2009
Rules, Procedures and Technical specifications

Special Class Rules / Specifications: Euroscale Daytona Prototype Plastic Track 2010 year long season

Car: 1:32 scale replica of a car, which has run at the ROLEX Series. It must be a hard plastic ready-to-run style with integrated body and chassis. **Cars allowed are from Fly and Racer. Current cars are Fly 97000, Fly 97001, Fly 97002, Fly 97003, Fly M02101, Fly M02102, Racer SW01, Racer SW01B, Racer SW02, Racer SW03, Racer SW04, Racer SW05.** Others allowed as the manufacturers release them.

Body: Must be kept complete with a full 3 dimension interior. The body must fully cover the chassis and all 4 tires. It must be attached via screws to the chassis. It is desirable that the car resembles a full-size racer that competed in these classes. However, it is allowable to repaint the body, interior and driver as desired but each must retain a prototypical appearance.

Chassis: Must be original, completely unmodified in any way with the following exceptions: weight may be added, front axle may be sleeved or made rigid but must retain original axle diameter and location (one piece axles may be used in lieu of stubs. Axle bearings may be glued in place or replaced with similar style (snap-in). No ball bearings are permitted. Motor and/or rear axle carrier may be glued in place. Chassis must be held to body via under-body screws. **The chassis may be ground to allow clearance but no backside reinforcement is allowed.** No replacement or resin bodies may be used except exact replacement bodies made by the same manufacturer, intended to replace the slot car body. **Weight may be added only on the inside of the chassis.** A pan may not be added in any form when intended to enhance the chassis. The weight may not be in the form of brass, piano wire or some other structural material intended to enhance the original chassis.

Pickup may be replaced but must not be so deep as to routinely drag the bottom of the track slot.

Wheels / Tires: Only the original rubber or slip-on replacement natural rubber tires (including Ortmann) or silicone tires are permitted provided they fit the original or replacement press-on replacement wheels. Foam, sponge, tuna or similar tires are not allowed. **Substitution wheels may be used and may be set screw. They must be same exact size as the originals and using the same diameter axle.** Wheels may be glued on.

Motors: **Motor pod must be the original as supplied in the car from the manufacturer** or may be upgraded but only with those of the exact the same external size (or using a shim or spacer as supplied with the motor as some Ninco motors, i.e. NC-7) which fit into the same motor cradle. In any case, the motor may not be modified in any way and must be left as manufactured. **Motors of up to 24K (at 12V) are allowed** Use <http://slotcarnews.blogspot.com/2007/02/slot-car-news-motor-list.html> as a reference.

Gears: **Setscrew gears are permitted.** Original gear ratio must be maintained. Gears are subject to ground clearance restrictions.

Magnets: **When this class is to be run on a plastic track, either for a series or a single race, only one traction magnets is allowed in any form. A magnetic down force of 200g maximum is allowed.**

General: Minimum ground clearance is .047" for everything except wheels and tires and guide flag. Note that this includes the gears. **Maximum overall width of car is determined by the body since no tires should be visible from above.** Any other replacement parts supplied by any manufacturer may be used. This really refers to chassis and running gear. However, they must be within the spirit of the Euroscale class and the class of car being raced. **The car has a maximum allowed weight of 125g.**

Track Power: This class will be run on Low Power (12v) as defined by the MGPMRC rules.

Tech Inspection: The determination of technical qualification for the event rests upon the discretion of the Technical Director. Either pre-race or at the conclusion of a race, if the results are challenged or at the discretion of the Technical Director, any car may be given a thorough breakdown inspection with the body removed. At that time the car may be disqualified at the determination of the Technical Director resulting in the removal of that car and driver from all points scoring positions for that race.