Point of Retail (address, name)

IVM (serial number, manuf)

Shelve (serial number, nr, height)

.serial number: FK (IVM)

Ambient Temp Shelf(serial number, nr)

.serial number: FK (Shelve.serial\_number)

.nr :FK (Shelve.nr)

Warm Shelf(serial number, nr)

.serial number: FK (Shelve.serial\_number)

.nr :FK (Shelve.nr)

Cold Shelf(serial number, nr)

.serial number: FK (Shelve.serial\_number)

.nr :FK (Shelve.nr)

Retailer (TIN, name)

Product (ean, descr)

.Unique (descr)

Replenishment event (ean, nr, instant, units)

.ean: FK (Product.ean)

.nr: FK (Shelve.nr)

Category (name)

.RI-1 Uma categoria não pode estar contida em si própria.

.RI-2 Não podem existir ciclos nas hierarquias de Categorias.

Super Category (name)

.name: FK (Category.name)

Simple Category (name)

.name: FK (Category.name)