










### General Wheel Selection Guide

The information below only serves as a general guideline when selecting wheel type; that the value should be regarded for comparison only and not as an absolute indicator. Temperature Range list heat resistance property of respective raw material used for tread.

All organic chemical compounds used for the tread, either naturally occurred or man-made, behave predictably under certain temperature range in ideal laboratory situation. Although each tread material used by us is listed with its **Temperature Range**, it performs optimally within the temperature from 5°C to 30°C, where human activities are most frequent.

### Temperature and Chemical Resistance\*

Wheel Series	Hub Material	Tire Material	Temperature Range	Fats	Salt Water	Petrol & Fuel oil	Acid/Alkali	Detergent	Lubricating Oil or Grease
 PRB	Plastic	Grey color elastic rubber	-20°C/+60°C	☾	●	☾	☾	☾	☾
 SRB	Pressed steel	Grey color elastic rubber	-20°C/+85°C	☾	●	☾	☾	☾	☾
 SRB/BKAS	Pressed steel	Black color conductive rubber	-20°C/+85°C	☾	●	☾	☾	☾	☾
 TPR	Plastic	Grey color thermoplastic rubber	-20°C/+60°C	●	●	●	☾	☾	●
 TPR/AS	Anti-static plastic	Grey color conductive thermoplastic rubber	-20°C/+60°C	●	●	●	☾	☾	●
 TPU	Plastic	Grey color polyurethane	-40°C/+80°C	●	●	●	☾	☾	●
 ARB	Al-alloy	Grey color high elastic rubber	-20°C/+85°C	☾	●	☾	☾	☾	☾
 PM	Nylon	Nylon	-40°C/+80°C	●	●	●	●	●	●
 PP	Polypropylene	Polypropylene	-20°C/+60°C	●	●	●	●	●	●

\* Chemical Resistance refers to ability to withstand chemical content in the environment, either in form of particles suspended in air or surface contaminant on ground. When choosing wheel for the castor, one should also consider the material used for yoke and components as well. If castor/wheel is required for special condition, please consult Catis Engineering Team at [service@catis.com.tw](mailto:service@catis.com.tw).

● Good    ☾ Fair    ☽ Poor