

TIRE CHARACTERIZATION FOR CARS

Data analysis methods and cutting edge of technology on tire and ground interactions

> Service purpose

Performance analysis

Overall and specific analysis: camber, temperature etc.
Forces and moments: F_x , F_y , F_z and M_x , M_y , M_z interpretation.

Data acquisition

Data provided by customer or by Dufournier.
Complete delivery by Dufournier : measures on real ground + tire characterization.

A dedicated team of experts

Dufournier provides analysis results and recommendations according to your needs and expectations.

> Strengths

Unique know-how

More than 16 years of experience in tire measurement.
High knowledge in tire on ground interactions.

In-house measurement machine

Use of Skid Trailer specifically designed for tire measurement on real ground.
Perfect understanding of Skid Trailer results.

Several types of analysis

Inflation pressure, camber angle & vertical load dependencies,
vertical stiffness, loaded radius determination, thermal dependency etc.

Tire functioning windows determination

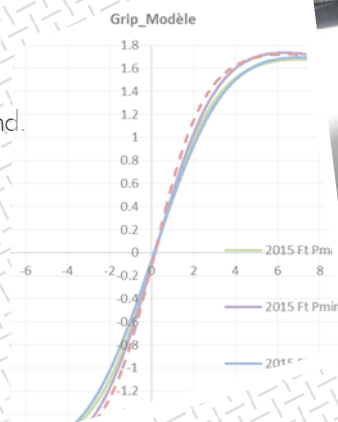
Mechanical (TFW-M)
Thermal (TFW-T)

Basics

Offers you a better knowledge of your tire.

> Our customers

Tire manufacturers, car makers, racing teams
Testing centers, vehicle dynamics engineering companies



Unique engineering tire knowledge and services.

dufournier

distributes **dufournier**
TECHNOLOGIES

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High tech experts on tire-suspension