

全车CAE解决方案

Full Vehicle CAE solution

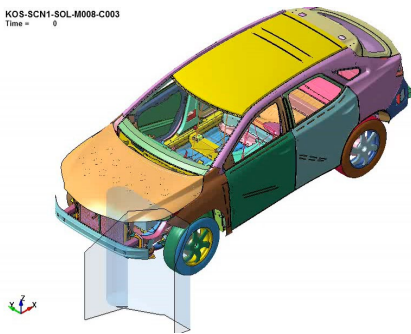
效果

- 全车级别的碰撞性能、NV性能评价
- 考虑到全车的性能的素材活用法的提案

碰撞解析

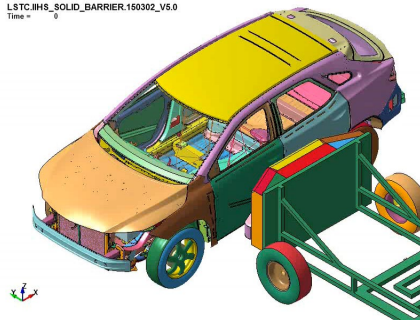
■ 对应主要的碰撞安全评价

KOS-SCN1-SOL-M008-C003
Time = 0



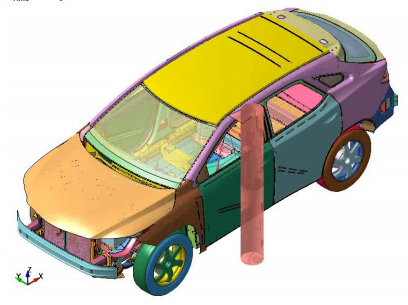
Front Crash
IIHS small overlap 25% (64km/h)

L3TC IIHS_SOLID_BARRIER-150302_V5.0
Time = 0



Side Crash
IIHS MDB 90° (50km/h)

KOS-SCN1-Side-Pole-M008-C004
Time = 0



Side Crash
EURO-NCAP pole crash 75° (32km/h)

NV解析

■ 通过响应解析进行动态刚度评价

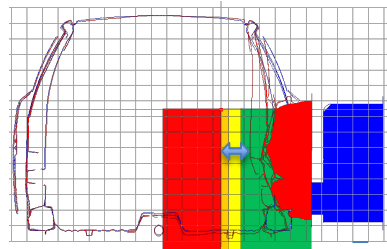
【用于实例车辆的主要规格】

Dimension & Weight SUV (E segment)	
Length	4,826 mm
Width	1,885 mm
Wheelbase	2,785 mm
Height	1,710 mm
Curb Weight	2,150 kg

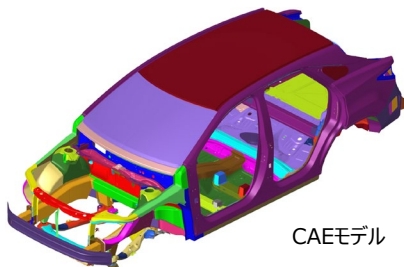
※本公司独创的车辆模型

■ 以侵入量、生存空间距离评价碰撞性能

Side Crash IIHS MDB 90° (50km/h)

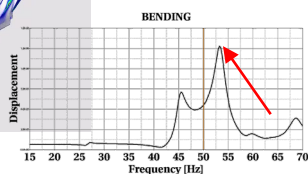
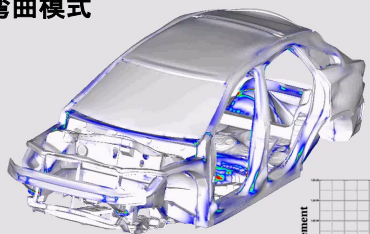


生存空间距离: 176.6mm/GOOD



CAEモデル

弯曲模式



扭曲模式

