



Brake Pads Introduction

KAMIEN[®]

Positive Molding Technology

- Positive Molding Technology is an important factor in production of Kamien products. Positive molding results in a more uniform density in the production of the brake pad. It also allows using less resin content in formulation of the brake pad which can lead to improvement in the fading characteristic of the brake pad. The brake pads produced by positive molding process is proven to have much better stopping performance. High resin increases fading, which can increase stopping distances up to 50%.
- All Kamien brake pads are manufactured using the same positive molding process utilized by Original Equipment suppliers. Positive molding uses extreme pressure to compress the friction material and bond it to the backing plate. This process assures consistent friction material density throughout the pad, resulting in even wear and performance characteristics throughout the life of the brake pad.

Main Features:

- Maintains constant friction consistency
- Ensures better braking performance
- Delivers longer service life
- Requires less resin material
- Resists heat fade

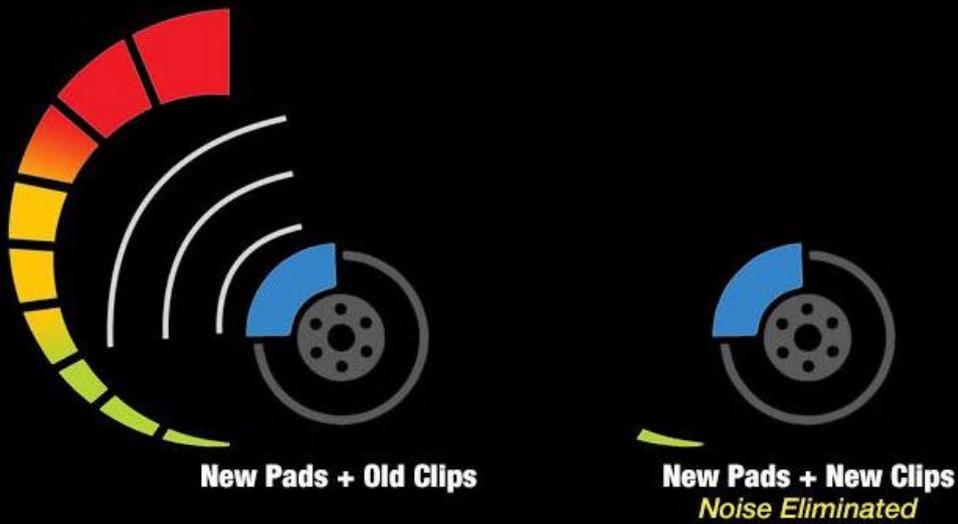
Positive Molding
TECHNOLOGY

Optional Brake Clips (Hardware)

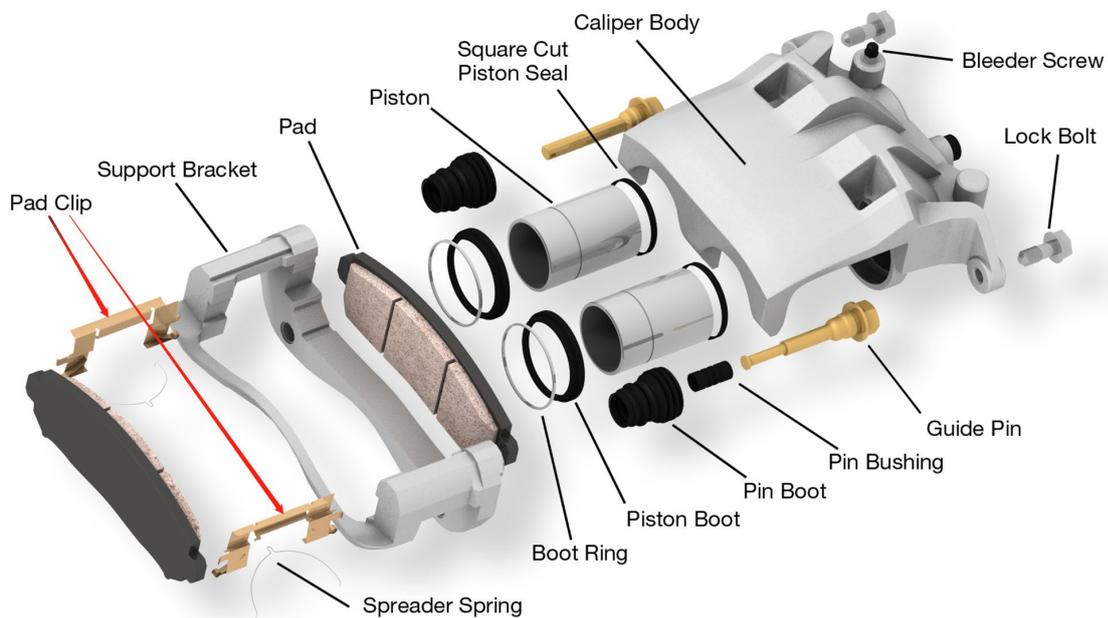
- Low Cost Increasing
- Eliminate the noise effectively
- 100% manufactured under OEM dimension
- Premium stainless material



Dynamometer Noise Test



Where are the Clips?



WARRANTY

- Just for our consumers' peace of mind, we offer one year or 20,000 km (whichever comes first) replacement warranty on all our products.
- Kamien Products lifespan varies from 30,000 KM to 70,000 KM in normal driving conditions.

LIMITED WARRANTY TERMS & CONDITIONS:

- For our consumers' peace of mind, we warrant against defects in materials or workmanship on all of our products for a period of one year or 20,000 km (whichever comes first) from the date of delivery. This limited warranty does NOT apply where there has been a failure of the products due to improper use; breakage not due to defect; failure on account of faulty or improper installation or handling; or failure on account of installation in a faulty motor vehicle.
- This limited warranty is exclusive and is in lieu of any other representation or warranty, express or implied, including but not limited to, any implied warranty of merchantability or fitness for a particular purpose.
- This exclusion applies to original and replacement products. If you believe that you have received defective products as described above, you must notify us in writing within 10 days of delivery as to why you believe the products are defective. We may then request you to return the allegedly defective products to us to determine whether the goods are defective as described above. If any products are proven to be defective as described above, then we will at our option either replace the defective products or issue to you a credit equal to the price of the defective products, which shall constitute fulfillment of all of our liabilities to you with respect to, or arising out of, the products whether based on contract, negligence, strict tort or otherwise. We reserve the right to change design, color, models, and to discontinue the manufacture of any products.
- This limited Warranty is for replacement with similar products or refund of purchase value only, excluding all labor and ancillary charges such as collection, fitting, inconvenience, purchasing of other manufacturers products. Warranty claims can be claimed by consumers through Kamien head office directly or Kamien regional authorized distributors. Proof of mileage will be required. Original purchase receipts or installation receipts may be requested by Kamien. There is absolutely no warranty on any Kamien product for race use. Kamien brake pads are manufactured for smooth and noise free braking. However, some brake pad systems cause

pads to wear faster than others. Warranty does not cover brake noise or normal wear and tear. Drivers must assess the performance and durability of Kamien Brakes products themselves if any Kamien product is to be used in racing. Warranty only applies to the original owner of the vehicle.

KME118

- Semi-Metallic, EF Grade
- 30000~50000 km lifetime
- 100% Non-Asbestos formula
- Economical and reliable
- Good noise performance
- Superior heat transfer and resistance in all driving conditions



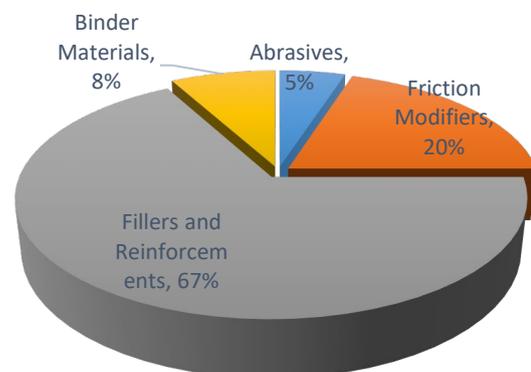
TECHNICAL DATA RESULT COMPARISON

DATA FROM CHASE REPORT

Compound	Normal. μ	Hot. μ	Life(Km)
KME118	0.354	0.346	50,000
COMPETITOR	0.345	0.305	25,000

COMPOUND CONTENT DESCRIPTION

- Abrasives: Aluminum oxide, Chromite etc.
- Friction Modifiers: Brass, graphite, petroleum coke, Antimony sulfide etc.
- Fillers and Reinforcements: Carbon fiber, mineral fiber, steel fiber etc.
- Binder Materials: Modified resin, rubber power etc.



KME305

- Premium Ceramic, FF Grade
- 30000~50000 km lifetime
- Optimal braking performance
- High resistance to fade with quick recovery
- 100% Non-Asbestos formula
- Greater consistent pedal feel
- Outstanding anti-dust capability for cleaner wheels and tires



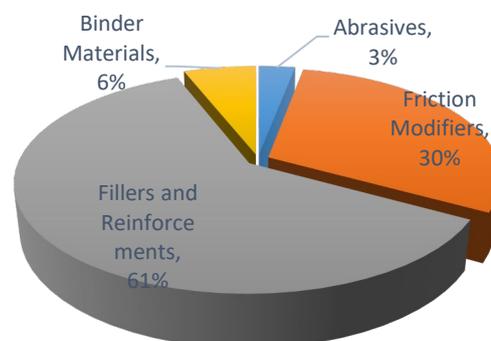
TECHNICAL DATA RESULT COMPARISON

DATA FROM CHASE REPORT

Compound	Normal. μ	Hot. μ	Life(Km)
KME305	0.410	0.391	40,000
COMPETITOR	0.378	0.325	20,000

COMPOUND CONTENT DESCRIPTION

- Abrasives: Chromite etc.
- Friction Modifiers: Graphite, petroleum coke, Antimony sulfide etc.
- Fillers and Reinforcements: Copper, Aramid fiber, mineral fiber, potassium sulfate, etc.
- Binder Material: Modified resin, rubber powder etc.



KME331

- Performance Ceramic, GG Grade
- 35000~70000 km lifetime
- Maximum noise reduction
- Perfect braking performance
- 100% Non-Asbestos formula
- Outstanding fade resistance



TECHNICAL DATA RESULT COMPARISON

DATA FROM CHASE REPORT

Compound	Normal. μ	Hot. μ	Life(Km)
KME311	0.492	0.472	50,000
COMPETITOR	0.380	0.350	30,000

COMPOUND CONTENT DESCRIPTION

- Abrasives: Chromite etc.
- Friction Modifiers: Graphite, petroleum coke, Antimony sulfide etc.
- Fillers and Reinforcements: Brass, Aramid fiber, mineral fiber, potassium sulfate etc.
- Binder Material: Modified resin, rubber powder etc.

