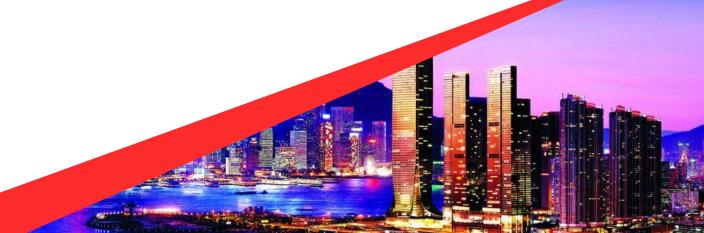
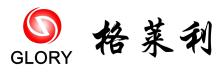


Meeting Topics

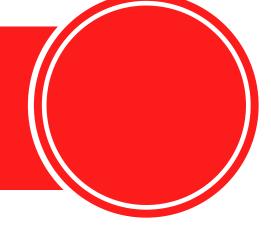
Zekkert 2016-9-26

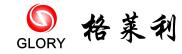




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Sales Review





Sales Review

Pad

Shoe

\$6.15

\$7.07

Zekkert Shipment Data at Glory

\$6.15

\$7.20

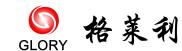
Zekkert	2014 Qty	2015 Qty	2016(Jan-Aug) Qty	Jan-Aug %	2014 \$	2015 \$	2016(Jan-Aug) \$	Jan-Aug %
Zerkeit	2014 Qty	2013 Qty	2010(Jan-Aug) Qty	Jail-Aug /0	2014 3	2015 \$	2010(Jail-Aug) 3	Jail-Aug /
Pad	48067	217337	124128	-33.27%	\$295,522.57	\$1,337,071.99	\$675,129.61	-39.56%
Shoe	5357	25783	16970	-10.94%	\$37,894.88	\$185,594.47	\$106,212.28	-19.79%
Sensor	0	6200	7399	-	0	\$5,058.00	\$4,687.68	-
Total	53424	249320	148497	-31.19%	\$333,417.45	\$1,527,724.45	\$786,029.57	-39.45%
Average Price	2014	2015	2016(Jan-Aug)					

Due to Price Issue, shipment on Glory decrease by more than 30% in 2016 Jan-Aug;

\$5.44

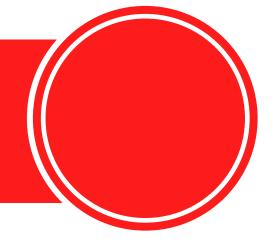
\$6.26

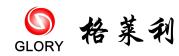
- Average Price keeps the same level from 2014-2015, but sharp decrease from 2016 by **11.54%** for **Pad** and **13.06%** for **Shoe**;
- Zekkert 2016 Annual Qty(estimate) 431344 sets, from Glory(estimate) 204497 sets, about 47.41%



Test Report

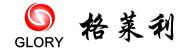
By Glory Chief Engineer





Physical Properties of Fr

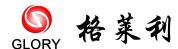
Project	Glory-JS Test	Glory Test	GP-JS Test	GP-Glory Test	Comments
Density (g/cm3)	2.35	2.35	2.00	2.90	JS test shows lower figure
Hardness (HRS)	AVG 84.40	AVG 80.70	AVG 43.20	AVG 44.38	GP pad twice softer than Glory
Shear Strength (kgf/cm2)	532	559	NG	398.3	GP-JS test can not get data
Flatness (mm)	0.15	0.15	0.15	0.13	Acceptable
Parallelism (mm)	0.10	0.10	0.11	0.26	Glory receive different data



Lining Issue



- Possible Reasons:
- Hot Press Process is not properly done;
- May have Bubbles and Cracks between under layer and friction material;
- Consequences:
- Lining may broke into pieces under urgent situation;



Bonding Strength

Glory-JS Test:



- Bonding Area 100%
- Normal Temperature Shear Strength
 532kgf/cm²(Glory Standard 392kgf/cm²)
- Good bonding strength between back plate, under layer and friction material

Glory Test:



- Bonding Area 100%
- Normal Temperature
 Shear Strength
 532kgf/cm²(Glory
 Standard 392kgf/cm²)
- Good bonding strength between back plate, under layer and friction material

GP-JS Test:



- Bonding Area 100%
- Unknown Shear Strength
- Possible with good bonding strength between back plate and under layer, but not possible to tell the strength between under layer and friction material due to the unknown shear strength data.

GP-Glory Test:



- Bonding Area 98%
- Normal Temperature Shear Strength 398.3kgf/cm²(Glory Standard 392kgf/cm²)
- Good bonding strength between back plate and under layer, less bonding strength between GLORY under layer and 您可信材

friction material

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Friction Coefficient

Glory-JS Test:

- Mean coefficient of friction 0.421 (Chase Test)
- Relatively high, possible to cause sharp noise issue
- Safety under urgent braking
- Relatively stable

Glory Test:

- Mean coefficient of friction 0.435 (Chase Test)
- Relatively high, possible to cause sharp noise issue
- Safety under urgent braking
- Relatively stable

GP-JS Test:

- Mean coefficient of friction 0.350 (Constant Speed Test)
- Relatively low, possible with less noise issue
- Relatively stable (not comparable due to different test standard)

GP-Glory Test:

- Mean coefficient of friction 0.357 (Chase Test)
- Relatively low, possible with less noise issue
- Relatively stable during Fade process





Appearance

Glory-JS Test:

- Dimension: Qualified
- Band Area: Over 80%
- Flatness: 0.15
- Parallelism: 0.10
- Clean: not mentioned

Glory Test:

- Dimension: Qualified
- Band Area: Over 80%
- Flatness: 0.15
- Parallelism: 0.10
- Clean: Acceptable

GP-JS Test:

- Dimension: Qualified
- Band Area: Over 80%
- Flatness: 0.15
- Parallelism: 0.11
- Clean: not mentioned

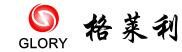
GP-Glory Test:

- Dimension:Qualified
- Band Area: Over 80%
- Flatness: 0.15
- Parallelism: 0.26
- Clean: Dust Issue



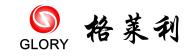
Conclusion

Project	Glory-JS Test	Glory-Glory Test	GP-JS Test	GP-Glory Test	Comments
Friction Coefficient µ	0.421 (Chase Test)	0.435 (Chase Test)	0.350 (Constant Speed Test)	0.357 (Chase Test)	Glory Pad has higher μ and stronger braking force but may lead to sharp noise, GP pad relatively low μ may have less noise issue
Shear Strength (kgf/cm2)	532	559	NG	398.3	JS test can not get data, Glory test fulfill Glory standard 392 kgf/cm2
Density (g/cm3)	2.35	2.35	2.00	2.90	JS test shows lower figure (unknown reason)

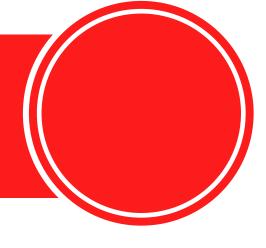


Conclusion

Project	Glory-JS Test	Glory-Glor y Test	GP-JS Test	GP-Glory Test	Comments
Hardness (HRS)	AVG 84.40	AVG 80.7	AVG 43.2	AVG 44.38	GP pad twice softer than Glory, but Glory pad may have quicker pedal feedback, less hardness may lead to more dust issue
Flatness (mm)	0.15	0.15	0.15	0.13	Acceptable
Parallelism (mm)	0.10	0.10	0.11	0.26	Glory receive different data



New Range Items





New Range Items

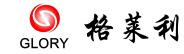
•New Range Price situation between Glory and Shandong?

•Percentage of each company?

• Sales forecast for new range items?







2017 Purchase Plan

• Due to braking performance difference between Shandong pad and Glory pad, if necessary, Glory can provide other suitable formula for Zekkert to fit with Market situation in Russia.

• 2017 purchase plan (estimate quantity)

Percentage of each company





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