ARVIN STEEL RUBBER

A New Level of Dependability

Production of Car's Suspension Parts

About us

At Arvin Steel Rubber Co. , Ltd you will face with a group of people step in manufacturing of the safest and quality in Iran. With essential capability in our manufacturing, result in products quality that builds company's competitive advantage to brand "ASR". We have more than 20-years experience in production of rubber parts in automotive industry. We are self-dependent in process of raw materials, mold design and constructions, and doing performance test based on KES, DIN and ASTM. Our products range both replacement and original parts in automobiles, motorcycles, trucks, specialty vehicles, buses, railroad cars, industrial applications, agricultural applications, and civil engineering projects. We are as an main supplier of national automotive manufacturer; e,g. Iran Khodro and Saipa Co.

Our Team

* Executive Managers
* R & D Engineers
* Sales Engineers
* Production Technicians
* Quality Controllers
* Accountants
* Machinery Operators
* Maintenance & Repair Technicians

Production

Pre-Production and Post-Production

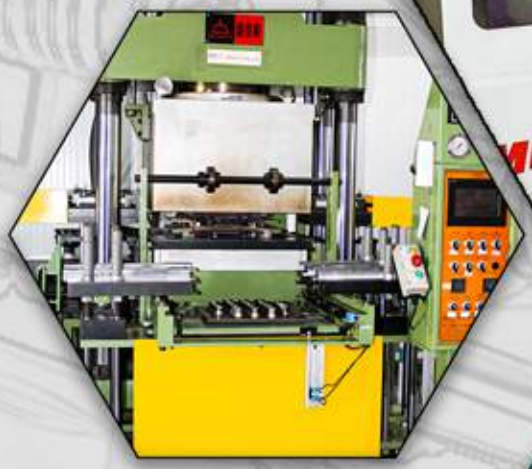
We are capable of handling both before and after production processes, ranging from rubber mixing and formulating including compound development, internal mixing and open mill mixing of black or colored compounds (strips, slabs, calendared and extrusions) to dyeing, packaging and labeling of finished products.

Production

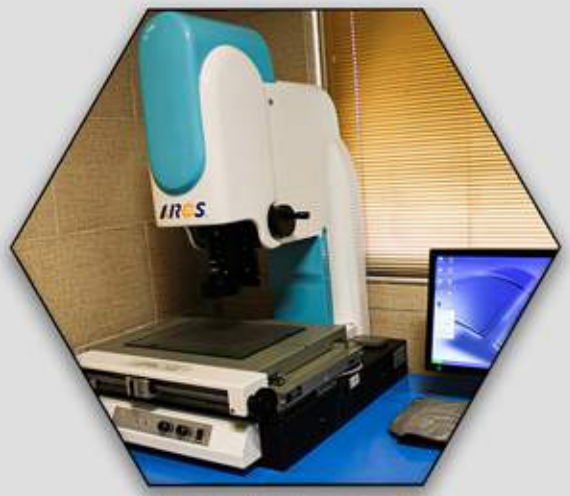
Arvin Steel Rubber Group is working with the state-of-art rubber curing machines including rubber compression molding, rubber injection molding, plastic injection molding, silicone compression molding services.

Our goods range from compression molded parts to rubber-to-metal bounded products. Our manufacturing team closely collaborate with planning engineers in order to ensure the effective and efficient implementation of the best management system.

Production



Quality Control



Arvin Steel Rubber Group has been supported by its own laboratory for the sake of chemical and physical inspection of raw materials and finished goods. Our outstanding young engineers are well-trained to implement certified instruments in order to guarantee high quality rubber products.

Some instruments include:

* *Moving Die Rheometer*
* *Tensile Strength Tester*
* *Aging Oven*
* *Flock / Coating Abrasion Resistance Tester*
* *Viscometer for Kinematic Viscosity Determination*
* *Digital Analytical Balance*
* *Video Measurement System (VMS)*
* *Cutting press with cutting dies.*
* *Specimen volume press*
* *Thickness gauge*
* *Shore handheld tester*
* *Digital automatic hardness meter with exchangeable*
* *measuring probes for Shore A, D, AM IRHD-N and IRHD-M*
* *Durability tester for tension, compression and torsion*
* *Adhesion Tester*
* *The Pencil Tester For Measurement Of Dye Adhession*
* *coatings for their hardness and resistance to scratches and wear*

Quality Control

Arvin Steel Rubber Group has awarded IATF 16949:2016 certificate for its quality control process which reveals that our products' design and production are well-managed.

Our quality management system is focused on excellence from incoming inspection of raw materials, inspection of work-in-process to the final audit of outgoing products.

Quality Control

We are working based on industrial standards and specifications:

* *American Society for Testing and Materials (ASTM)*
* *Society of Automotive Engineers (SAE)*
* *Rubber Manufacturers Association (RMA)*
* *Underwriters Laboratories (UL)*

STANDARD ISO 2768-1

General tolerances for linear and angular dimensions without individual tolerance indications

Extract from the standard

Table 1 - Permissible deviations for linear dimensions except for broken edges

(external radii and chamfer heights, see table 2)

Values in millimeters

Tolerance class		Permissible deviations for basic size range							
Designation	**Description**	0.5[1)] Up to 3	Over 3 Up to 6	Over 6 Up to 30	Over 30 Up to 120	Over 120 Up to 400	Over 400 Up to 1000	Over 1000 Up to 2000	Over 2000 Up to 4000
f	fine	**±0,05**	**±0,05**	**±0,1**	**±0,15**	**±0,2**	**±0,3**	**±0,5**	-
m	medium	**±0,1**	**±0,1**	**±0,2**	**±0,3**	**±0,5**	**±0,8**	**±1,2**	**±2**
c	coarse	**±0,2**	**±0,3**	**±0,5**	**±0,8**	**±1,2**	**±2**	**±3**	**±4**
v	very coarse	-	**±0,5**	**±1**	**±1,5**	**±2,5**	**±4**	**±6**	**±8**

1) For nominal sizes below 0,5 mm, the deviations shall be indicated adjacent to the relevant nominal size(s).

Table 2 - Permissible deviations for broken edges

(external radii and chamfer heights)

Values in millimeters

Tolerance class		Permissible deviations for basic size range		
Designation	**Description**	0.5[1)] Up to 3	Over 3 Up to 6	Over 6
f	fine	**±0,2**	**±0,5**	**±1**
m	medium			
c	coarse	**±0,4**	**±1**	**±2**
v	very coarse			

1) For nominal sizes below 0,5 mm, the deviations shall be indicated adjacent to the relevant nominal size(s).

Table 3 - Permissible deviations of angular dimensions

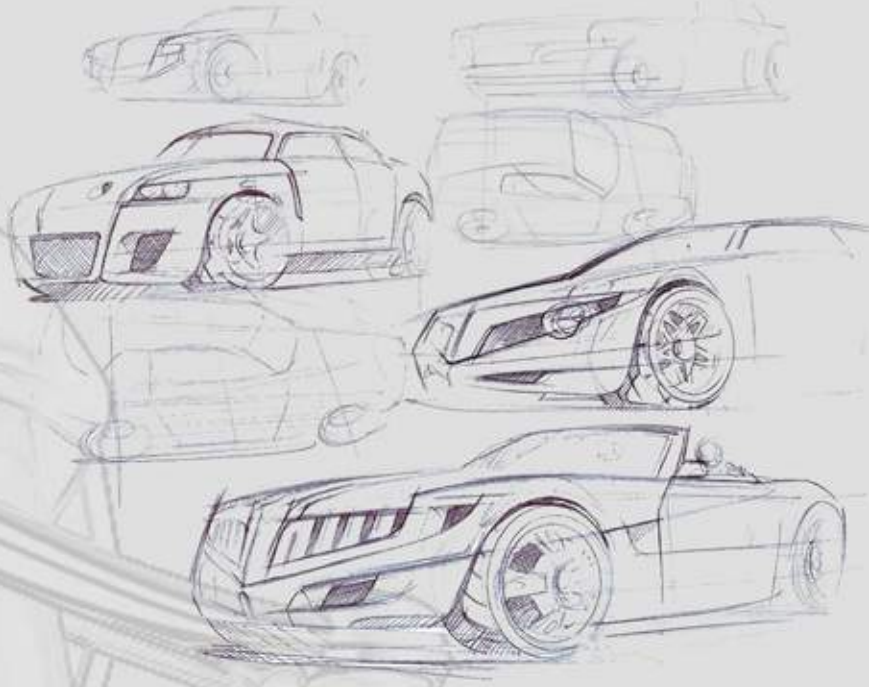
Tolerance class		Permissible deviations for ranges of lengths, in millimeters, of the shorter side of the angle concerned				
Designation	**Description**	up to 10	over 10 up to 50	over 50 up to 120	over 120 up to 400	over 400
f	fine	**±1°**	**±0°30′**	**±0°20′**	**±0°10′**	**±0°5′**
m	medium					
c	coarse	**±1°30′**	**±1°**	**±0°30′**	**±0°15′**	**±0°10′**
v	very coarse	**±3°**	**±2°**	**±1°**	**±0°30′**	**±0°20′**

Frequently Used Standard

NO	TEST DESCRIPTION	STANDARD
1	Standard Test Methods for Rubber Products—Chemical Analysis	ASTM D297
2	Standard Test Methods for Rubber Property—Compression Set	ASTM D395
3	Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers—Tension	ASTM D412
4	Standard Test Methods for Rubber Property—Adhesion to Flexible Substrate	ASTM D413
5	Standard Test Methods for Rubber Property—Adhesion to Rigid Substrate	ASTM D429
6	Standard Test Methods for Rubber Deterioration—Dynamic Fatigue	ASTM D430
7	Standard Test Method for Rubber Deterioration by Heat and Air Pressure	ASTM D454
8	Standard Test Method for Rubber Property—Effect of Liquids	ASTM D471
9	Standard Test Method for Rubber Deterioration-Surface Cracking	ASTM D518
10	Standard Test Method for Rubber Property—Pusey and Jones Indentation	ASTM D531
11	Standard Test Method for Rubber—Deterioration by Heat and Oxygen	ASTM D572
12	Standard Test Method for Rubber—Deterioration in an Air Oven	ASTM D573
13	Standard Test Methods for Rubber Properties in Compression	ASTM D575
14	Standard Test Methods for Rubber Property—Heat Generation and Flexing Fatigue in Compression	ASTM D623
15	Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic Elastomers	ASTM D624
16	Standard Test Method for Rubber Deterioration—Crack Growth	ASTM D813

R & D

Arvin Steel Rubber Group has its own outstanding experienced engineers who are exprienced enough in design, manufacturing, laboratory tests and quality assurance and control processes. They implement their knowledge and experiences to provide an effective scheme for A to Z processes of goods' production.



R&D Engineers have an excellent command on CAD softwares to design and develop products.
They also conduct rubber profile structure analysis and finite element analysis.

Rubber to Metal

Steel Bushes

Peugeot 405 Arm Inner Bush

Pride Rear Flexible Joint Bush

Peugeot 206 Elastic Joint

Peugeot 405 Hydraulic Jack Bush

Peugeot 405 Elastic Damper

Tiba Arm Rubber Bush

Peugeot 206 Elastic Joint AV Triangle

Pride Arm Rubber Bush

Peugeot 206 TU5 Elastic Joint AR Triangle

Tiba Rode Tension Bush

Rubber Bushes

Upper Flexible Joint For Peugeot 206 Rear

Lower Flexible Joint For Peugeot 206 Rear

Pride Arm Rubber Bush

Flexible Joint For L90 Rear

Flex. Joint - LWR P405 & Samand

Lower Flexible Joint For DONGFENG Rear

MAZDA Arm Rubber Bush

Trailing Arms

Pride Trailing Arms

Tiba Trailing Arms

Rubber to Metal

Engine Supports

Tiba Support Elastic Engine NO. 3

Tiba Support Elastic Engine NO. 1

Pride Support Elastic Engine NO. 3

Tiba Support Elastic Engine NO. 2

Peugeot 405 Support Elastic Engine

Peugeot 405 Elastic Damper

Peugeot 405 Engine Support Right-Hand Upper Bolt

Braket MTG

Rubber-st MTG.F

Pride Rubber-st MTG.F

Tiba Rubber-st MTG.F

Gearbox Legs

Rubber Trans

RailWay Parts

The Traction Link Assembly

Motor Bogie

Trailer Bogie

Spherical Spring

Spherical Block 2

Spherical Block 1

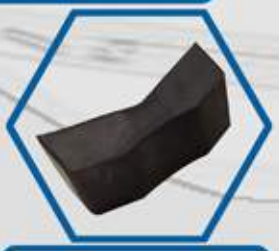
Forthcoming Products

Hevron Spring

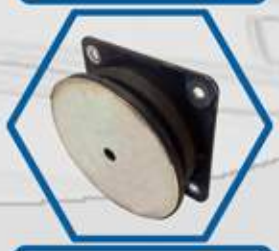
Cone Spring

Lateral Buffer LDG

Rubber Buffer



Rubber Block



Layer Spring

Lateral Buffer TDG

Rubber

Dust Covers

Samand Dust Boot

Peugeot 405 Arm Dust Cover

Pride Dust Boot

Pride Dust Cover

SAMAND Brake Booster's Boot

Samand Dust Cover

Samand Front Guide Rod

Paykan Tie Rod End Dust Cover

Samand Rear Boot Guide Rod

Nissan Tie Rod End Dust Cover PA Upper Ring

Clutch Boot

Peugeot 206 Dust Cover

Pride Rear Shock Absorber Dust Cover

Mazda Dust Cover

Stopper Bump For PRIDE Front

Pride Dust Cover (BR)

Paykan Tie Rod End Dust Cover

Paykan Dust Cover

Peugeot 405 Tie Rod End Dust Cover Ring

Triangular Dust Cover For Peugeot 206

Nissan Upper Arm Dust Cover(Vamco)

Nissan Lower Arm Dust Cover(Vamco)

Rubber

Rubber Diaphragms

Rubber Diaphragm 7 Inches In Brake Booster

Nissan Folding Membrane 8 Inches

Nissan Folding Membrane 9 inches

Nissan Folding Membrane 8 Inches

Aice-Co Diaphragm

Nissan Folding Membrane 9 Inches

Folding Membrane - MBA

Rubber Diaphragm 9 Inches In Brake Booster

Rubber Diaphragm 10 Inches In Brake Booster

Rubber Diaphragm 9 Inches In Pride Brake Booster

Rubber Diaphragm 9 Inches In SAMAND Brake Booster

Grommets

peugeot 206 Front Doors Grommet

Peugeot 206 Rear Doors Grommet

L90 Doors Hardness Grommet

Peugeot Doors Grommet

Tiba Wiring Back Doors Grommet

SAMAND Rear Doors Grommet

SAMAND Front Doors Grommet

Rubber

Rings & Washers

Washer Of Tiba Rubber Bush

Rubber Plug

Pride Rebound Stop

Tiba Arm Washer

Sealing Ring Of Brake Booster

L90 Lip Seal

Runna Front Boot

Samand FC Boot Piston

Runna Reservoir Plug

Stopper Bump

Upper Rubber Bush For PRIDE Rear Shock Absorber

Tiba Rubber - Hanger

Tiba Front Module Stopper Bump

Damper

Pride Rubber - Hanger

Brilliance Rear Module Stopper Bump

Tiba Filter Box Shock Absorber

Other Parts

Rebound Stopper

Mazda Dust Cover Lower Ring

Nissan Bush Tension Rod

Rubber Planger 10 Inches

Pride Steering Box Left Bumper

L90 Overmold Grommet

Peugeot 405 Rubber Stabilizer

Samand Guide Pin Rubber

Paykan Rubber Spring

Samand Rear Stop Rubber

Mazda Ventilator Assembly 2

Mazda Air Duct

CERTIFICATE

CERTIFICATE

kiwa

Reg. Number	16377 - T		
First issue date	2018-12-05	Last change date	2018-12-05
Valid Until	2021-12-04	IATF Number	0345249

Quality Management System Certificate

IATF 16949:2016

We certify that the Quality Management System of the Organization:

Arvin Steel Rubber Co.

Is in compliance with the standard IATF 16949:2016 for the following products/services:

Manufacturing of Rubber parts and Metal Part Rubberizing by Injection and Pressing Method.

Chief Operating Officer
Giampiero Belcredi

Exclusions: 8.3 related to the product design

This certificate is issued in conformity with IATF Rules – Fifth Edition.
Maintenance of the certification is subject to annual survey and dependen
Cermet Italia contractual requirements.

This certificate is composed of 1 page.

Kiwa Cermet Italia S.p.A.
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Tel +39.051.459.3.111
Fax +39.051.763.382
E-mail: info@kiwacermet.it
www.kiwacermet.it

Arvin Steel Rubber Co.
Certified Sites
No. 353, Koushesh 5 St., Top Technologies Industrial Town, Ma

CERTIFICATE

kiwa

Reg. Number	16377 - A	Valid From	2018-12-05
First issue date	2017-10-23	Last change date	2018-12-05
Valid Until	2021-12-04	IAF Sector	17, 14, 22

Quality Management System Certificate

ISO 9001:2015

We certify that the Quality Management System of the Organization:

Arvin Steel Rubber Co.

Is in compliance with the standard UNI EN ISO 9001:2015 for the following products/services:

Manufacturing of Rubber parts and Metal Part Rubberizing by Injection and Pressing Method.

Chief Operating Officer
Giampiero Belcredi

The maintaining of the certification is subject to annual surveillance and dependent on the observance of Kiwa Cermet Italia contractual requirements.

This certificate is composed of 1 page.

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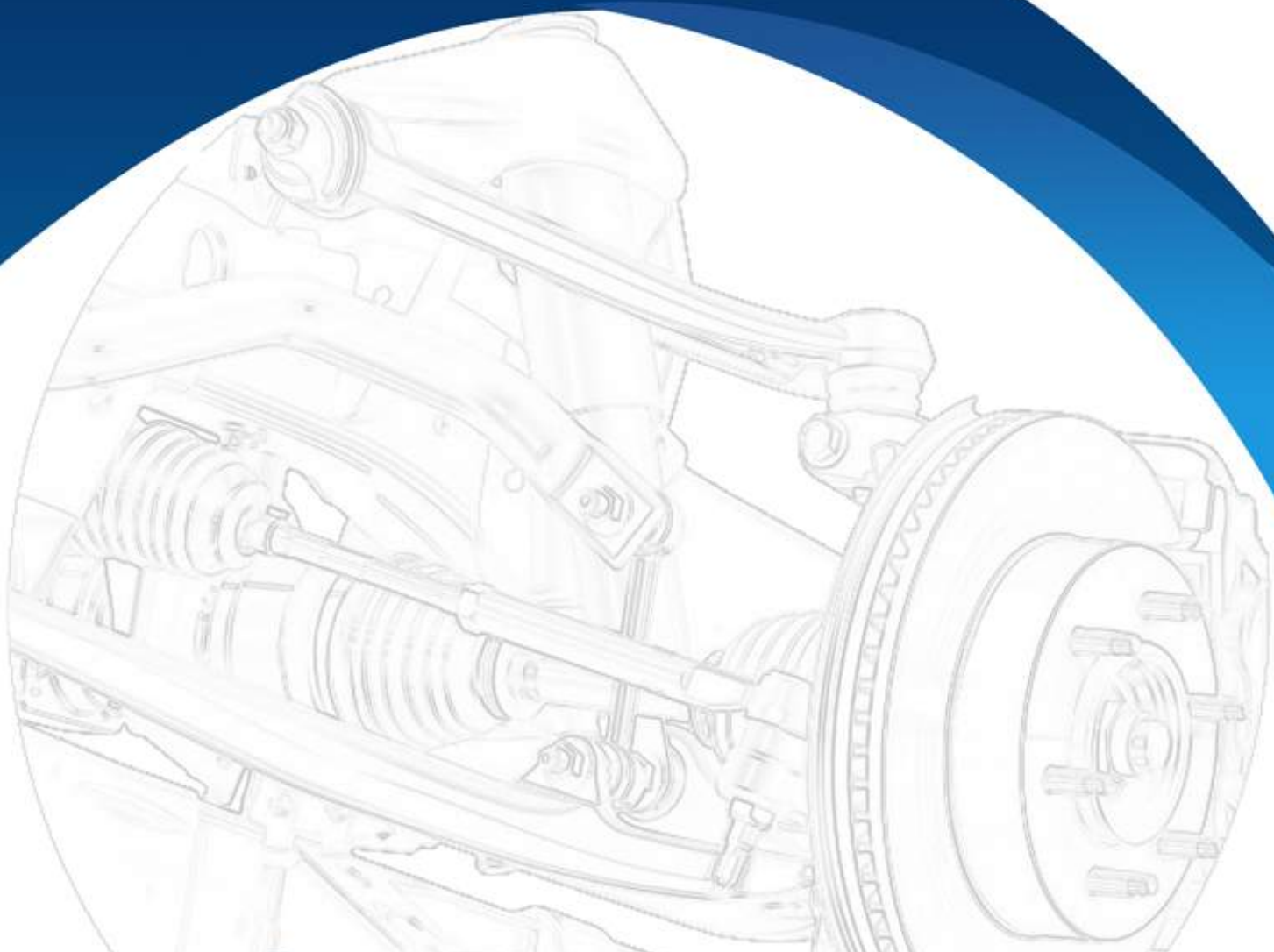
CERMET

IAF

ACCREDIA

SQG N° 007A
SGA N° 010D
PRD N° 069B
FSN N° 004L
PRS N° 089C



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