

Responsive, Fast, Transparent & Team player



PVC Automotive Wire Compounds



About Us

Bihani is a leading Compounds & Masterbatches producer based in India but with a formidable local as well as International clientele. Working closely with Global majors has allowed us to develop product portfolios based on international specifications as well as undertake customized developments.

Our products comply to major international specifications including JASO D 611, JASO D 618, JISC 3406, ISO 6722, SAE 1127, SAE 1128, SAE 1678, LV 112 and various other specifications of Auto Companies like GMW 15626 and those from Ford Motors, Chrysler, etc.

Backed with strong integrity towards its customers, Bihani works independently with market leading companies engaged in Automotive Wires & Cables, as a strategic team player and in utmost confidence. We at Bihani believe that our products & our portfolio allow us to be a strategic arm of any Wire & Cable manufacturers

Strengths & Strategic Advantages

- Over 30 Years of deliverance
- Manufacturing & Services
- Net Processing/Trading 40000 Mt/A
- Bihani Group Enterprise
- Recipients of 2 National Awards
- Comprehensive Product Portfolio

The Bihani Advantage

Your Strategic Partner

- Established suppliers of Compounds to Leading Automotive Wire Companies Globally
- State of Art R & D Facilities to develop products
- Customized recipes and developments
- Automatic machines sourced from reputed global brands including Coperion, Century & Brabender
- International Compliances including REACH & ROHS
- Online Product Testing facility available to ensure Consistency
- LSCM trained to work on JIT ensuring Inventory Control at Customer end
- 24x7 Customer Support
- Global Reach with distributors & representatives in Asia Pacific, MENA, Africa, Latin America and North America
- Competitive Pricing
- ISO 9001:2000 & ISO 14000 Certified
- Product Assured with Quality, Consistently- Every Time



PVC Compound as Per ISO 6722 for Automotive Wires

BIHANI GRADE	Specific Gravity ±0.03	Shore D Hardness	Tensile Strength	Elongation	Thermal Stability at 200°C	Temp Rating	Cold Bend Resistance	ISO Class/ Spec
	ISO 1183	ISO 868	DIN EN 60811-1-1	DIN EN 60811-1-1	DIN-EN-60811-3-2			
		Shore D	Mpa	%	Minutes	Deg C	Deg C	
BM M 28 A	1.38	52-55	>18	>220	>150	85	-40	Class A
BM 63FLY B	1.35	52-55	>22	>220	>240	105	-40	Class B LV 112
BM AT900	1.32	52-56	>23	>200	>360	125	-40	Class C

PVC Compound as Per Japanese Standards for LV Wires

BIHAN GRADE	Specific Gravity ±0.03	Shore D Hardness	Tensile Strength	Elongation	Thermal Stability at 200°C	Temp Rating	Cold Bend Resistance	Class/ Spec
	ASTM D 792	ASTM D 2240	ASTM D 412	ASTM D 412	DIN-EN-60811-3-2			
		Shore D	Mpa	%	Minutes	Deg C	Deg C	
AV 28	1.40	45-50	>19	>230	180	85	-40	AV JASO D 611 JIS C 3406 JASO D 618
BM AVS V1	1.38	45-50	>19	>230	180	85	-40	AVS JASO D 611 JASO D 618
BM AVSS V1	1.36	45-50	>18	>250	180	85	-40	AVSS JASO D 611 JASO D 618

PVC Compound as Per SAE

BIHANI GRADE	Specific Gravity ±0.03	Shore Hardness	Tensile Strength	Elongation	Thermal Stability at 200°C	Temp Rating	Cold Bend Resistance	Class/ Spec
	ASTM D 792	ASTM D 2240	ASTM D 412	ASTM D 412	DIN-EN-60811-3-2			
		Shore A	Mpa	%	Minutes	Deg C	Deg C	
BM 6009 J	1.38	85-90	>16	>250	150	80	-40	SAE J 1127 STT SGT Battery Cables
BM 2138 J	1.38	93-96	>18	>220	>150	85	-40	SAE J 1128 GPT TWP HDT
BM 9244 J	1.35	95-98	>22	>220	>240	105	-40	SAE 1678 WTB

- Withstand Voltage Immersion
- Oil Resistance JIS K 2215
- Abrasion Resistance
- Insulation Resistance
- Heat Resistance
- Heat Shrinkage
- Inflammability

Complies to



International
Organization for
Standardization



Various variants of these grades are available depending on the size of the cable. Therefore it is prudent to advise the size category for which the compound is being purchased

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