

Responsive, Fast, Transparent & Team player

PVC Compounds for Gabions



About Us

Bihani has a wide range of flexible PVC compounds specifically designed for Extrusion coating of Gabions. Bihani has been working very closely with the manufacturers of Gabions, which has seen tremendous acceptance by civic bodies as a preventive measure to contain Environment, Soil Stabilization, Erosion Control and Construction Infrastructure Projects in sector of Road, Railways, Hydro, Rivers, etc.

Our customers are leading national and global players in this industry and market leaders in mechanically woven double twist Gabions. The main applications of Gabions are:

- Landslide Control & Soil Conservation
- Retaining Structures
- Bridge & Culvert Protection
- Landscaping
- Land Reclamation
- Impermeable Lining of Dams

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



Bridge & Culvert Protection



Retaining Structure



Earth Control & Soil Conservation



Landscaping



PVC Compound as per ASTM for Gabions

▶ ASTM A 975

Specific Gravity ±0.02	Shore D Hardness	Tensile Strength	Elongation	Thermal Stability at 200°C	Modulus of Elasticity	Brittleness Temp
ASTM D 792	ASTM D 2240	ASTM D 412	ASTM D 412	DIN-EN-60811-3-2	ASTM D 412	ASTM D 746
	Shore D	Mpa	%	Minutes	Mpa	Deg C
1.36	52-55	>21	>220	>120	85	-15

Salt Spray Test for 3000 Hours	ASTM B 117	✓
UV Exposure for 3000 Hours	ASTM G 23	✓
Abrasion Resistance	ASTM D 1242	✓

▶ Bihani Grade : BM 66 SS

Specific Gravity ±0.02	Shore D Hardness	Tensile Strength	Elongation	Thermal Stability at 200°C	Brittleness Temp
ASTM D 792	ASTM D 2240	ASTM D 412	ASTM D 412	DIN-EN-60811-3-2	ASTM D 746
	Shore D	Mpa	%	Minutes	Deg C
1.38	50-53	>17	>250	>90	-30

▶ Bihani Grade : BM 63S

Specific Gravity ±0.02	Shore D Hardness	Tensile Strength	Elongation	Thermal Stability at 200°C	Modulus of Elasticity	Brittleness Temp
ASTM D 792	ASTM D 2240	ASTM D 412	ASTM D 412	DIN-EN-60811-3-2	ASTM D 412	ASTM D 746
	Shore D	Mpa	%	Minutes	Mpa	Deg C
1.38	50-53	>17	>250	>90	80	-30

▶ Bihani Grade : BM42

Specific Gravity ±0.02	Shore D Hardness	Tensile Strength	Elongation	Thermal Stability at 200°C	Brittleness Temp
ASTM D 792	ASTM D 2240	ASTM D 412	ASTM D 412	DIN-EN-60811-3-2	ASTM D 746
	Shore D	Mpa	%	Minutes	Deg C
1.3	42-45	>15	>350	>60	-40

▶ Bihani Grade : BM 63SD

Complies to:



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