



Changzhou Juyou New Material Tech Co.,Ltd.

JY-988 liquid silicone rubber for textile

1. Product characteristics

JY-988 silicone rubber is one kind of additional two component liquid silicone rubber using in textile for anti-slipping function, which is made from basis polymer, filler, adjuvant and curing agent.

Long working time during room temperature

Vulcanizing quickly under high temperature

Non heavy metal and solvent, non-toxic and innocuity to human body

Excellent third dimension and softness after using the silicone rubber to the textile

2. Application

Widely used for the fabric, carpet, socks and so on

Anti-slipping, beautiful and decorative function

3. Main technical index

Before Curing					
			A	B	
1	Appearance		semi-transparent liquid	transparent liquid	/
2	Viscosity, mPa·s (25°C)	A	30000~50000		GB/T 10247-2008
		B	30000~50000		
3	Working time at 23°C(hour)		≥5		GB/T 16776-2005
4	Vulcanizing time (150°C, min)		1~3min		
After curing (7days under temperature of 23±2°C, humidity(50±5%))					
5	Appearance		elasticity rubber		/
6	Density		1.0±0.05		GB/T 533-2008
7	Hardness(Shore A) (30min after Vulcanizing at 150°C)		15±5		GB/T 531.2-2009
8	Tensile strength (MPa)		≥2.5		GB/T 528-2009
9	Elongation rate(%)		≥500		GB/T 7124-2008
10	Tearing strength (KN/m)		≥6		GB/T 1692-2008

4. Color of product

The color can be done according to client's demand

5. Usage and dosage

Stirring A and B in separate container before using

Mixing A and B component according to A: B = 1:1 by weight, coating/potting the mixture on the textile or socks directly

Baking the textile or socks in drying oven for 1-3min

6. Attention

During the storage and using procession, the sealant should be avoided contact with the heavy metal as nitrogen, phosphorus, sulfur and their compound, and to be avoided contact with PVC and some organic pigment, otherwise the catalyst in the sealant will not vulcanize.

7. Product packaging and storage

This product should be stored in a cool and drying place under the temperature of 4°C~27°C, the shelf life is 9 monthes from the production date

The products according to the non-dangerous goods storage and transportation

8. Package

Packed in 10L/20L with plastic pail, A and B is packed separately.

The package way can be done according to client's demand.