

### TDS of MY110 Methyl Vinyl Silicone Gum

Methyl vinyl gum is a high molecular polysiloxane compound synthesized with high-quality siloxane and vinyl. This series can be divided into two major categories: methyl-terminated and vinyl-terminated. Those with an "S" in the model number are vinyl-terminated methyl vinyl gum, and the others are methyl-terminated methyl vinyl gum. The 110 series of silicone rubber are elastomers formed at high temperature after reinforcing agent (silicone dioxide) and additive are added and can be used to manufacture various rubber compound products such as rubber for molding, rubber for extrusion, electrical insulating rubber and flame retardant rubber and further manufacture various silicone rubber products.

#### Typical Properties:

Test		Value		
Vinyl content grade		Molecular weight, 10 <sup>4</sup>	Vinyl content, %	Volatile content, %
Ultra-low	Methyl-terminated gum Methyl 110-8	45~80	0.03~0.06	≤2.0
	Vinyl-terminated gum 110-8			
Low	Methyl-terminated gum 110-1	45~80	0.07~0.12	
	Vinyl-terminated gum 110-1S			
Ordinary	Methyl-terminated gum 110-2	45~80	0.13~0.20	
	Vinyl-terminated gum 110-2S			
High	Methyl-terminated	45~80	0.21~0.24	

	gum 110-3			
	Vinyl-terminated gum 110-3S			
Ultra-high	Methyl-terminated gum 110-4	45~80	0.25~0.49	
	Vinyl-terminated gum 110-4S			
	Methyl-terminated gum 110-5	45~70	0.50~0.79	
	Vinyl-terminated gum 110-5S			
	Methyl-terminated gum 110-6	45~70	0.80~1.79	
	Vinyl-terminated gum 110-6S			
	Methyl-terminated gum 110-7	45~60	1.80~5.00	
	Vinyl-terminated gum 110-7S			

### Packing & Storage

1. 25kg,100kg or 200kg per carton box, paper drum or iron drum lined with plastic bags.
2. Packing sealed, gentle loading and unloading to prevent the damage of package or vessel.
3. No exposure to fire or direct sunlight; stored in ventilated and dry place
4. Temperature in warehouse remains below 40 °C.
5. Shelf life: 2 years (products can still be used if QA-passed after two years.)



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**Transport:**

1. No exposure to rain or sunlight ;no contact with air; away from fire and heat source.
  2. Avoid contacting with strong acid, strong alkali, metallic lead and its compounds.
- The products don't belong to dangerous goods, they can be transported as normal chemicals. But be careful of Leakage.