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# *Product Data*

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## Cable & Wire Accession Silicone Rubber

# TY6241

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TY6241 are cable & wire accession type heat cured compounds for molding.

### MODEL

- ◆ TY6241

### KEY FEATURES

- ◆ High tear strength
- ◆ High elongation
- ◆ Low tension set at 200% elongation

### APPLICATIONS

- ◆ Hollow core bushing
- ◆ Cable & wire accessories ( couples, junction boxes, joint and terminals)

### TYPICAL PROPERTY DATA

ASTM	Property	Unit	Value
	Appearance		Off-white
D926	Plasticity	mm×100	190
D792	Specific Gravity	g/cm <sup>3</sup>	1.13
D2240	Durometer	Shore A	38
D412	Tensile Strength	MPa	8.0
D412	Elongation	%	700
D624	Tear Strength	kN/m	36
D2632	Bashore Resilience	%	45
IEC60250	Dielectric constant at 100Hz		2.8
IEC60250	Dissipation factor		0.001
IEC60093	Volume resistivity	Ohm.cm	1.6E15
IEC60243	Dielectric strength	kV/mm	24

- ◆ Specification writers: These values are not intended for use in preparing specifications. Please contact your local TIANYU sales representative prior to writing specification on this product.
- ◆ Properties obtained on 2mm thick slabs: Press cured 10 minute at 170°C, 45% active A catalyst, parts, 1.0%.
- ◆ A catalyst: 2,5-di[t-butylperoxy]-2,5-dimethylhexane
- ◆ ASTM: American Society for Testing and Materials

### HANDLING, SAFETY AND STORAGE

- ◆ Product safety information required for safe use is not included. Before handling, read product and safety data sheets and container labels for safe use, physical and health



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hazard information. The material safety data sheet is available on the TIANYU website at [www.tinyo.com](http://www.tinyo.com). You can also obtain a copy from your local TIANYU sale representative.

◆ When stored at or below 38°C in the original unopened containers, this product has a usable life of 3 months from the data of production.

### PACKAGING

◆ 20kg box

Issued 2006-9-6

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#### FOR INDUSTRIAL USE ONLY

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