

# FLEXCHEM™ 5051-02

Flexible Polyvinyl Chloride

Colorite Polymers

## Message:

FLEXCHEM™ 5051-02 is a Flexible Polyvinyl Chloride product. It can be processed by extrusion or injection molding and is available in Asia Pacific, Europe, or North America. Applications of FLEXCHEM™ 5051-02 include engineering/industrial parts, medical/healthcare, food contact applications and hose/tubing.

Characteristics include:

Plasticized

Good Flexibility

Good Mold Release

Non-Toxic

Wear Resistant

General Information			
Additive	Plasticizer		
Features	Durable		
	Good Flexibility		
	Good Mold Release		
	Non-Phthalate Plasticizer		
	Non-Toxic		
Uses	Gaskets		
	Medical/Healthcare Applications		
	Pump Parts		
	Tubing		
Agency Ratings	FDA Unspecified Rating		
	USP Class VI		
Appearance	Translucent		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	3.04	MPa	ASTM D638
Tensile Strength	9.41	MPa	ASTM D638
Tensile Elongation (Break)	400	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



WECHAT