

Hy-Vin® GI5097A

Flexible Polyvinyl Chloride

INEOS Compounds

Message:

General purpose moulding compound.

General Information	
Features	General Purpose
	Good Flexibility
Uses	General Purpose
RoHS Compliance	RoHS Compliant
Appearance	Natural Color
	Opaque
Forms	Granules
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity ¹	1.43	g/cm ³	BS 2782
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec, 23°C)	70		BS 2782
BS Softness	54	°	BS 2782
Cold Bend	< -40	°C	BS 2782
Cold Flexibility	-30	°C	BS 2782
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ²	10.0	MPa	IEC 60811-1-1
Tensile Elongation ³ (Break)	330	%	IEC 60811-1-1
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (23°C)	2.7E+13	ohms · cm	BS 2782
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	160	°C	
Cylinder Zone 2 Temp.	160	°C	
Cylinder Zone 3 Temp.	165	°C	
Cylinder Zone 4 Temp.	170	°C	
Cylinder Zone 5 Temp.	170	°C	
Die Temperature	170	°C	

NOTE	
1.	Natural, varies with color

2.	500 mm/min
3.	500 mm/min

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

