

# EVICOM™ GD3/349

Flexible Polyvinyl Chloride

INEOS Compounds

Message:

EVICOM™GD3/349 is a flexible polyvinyl chloride material. This product is available in Europe and is processed by extrusion or injection molding.  
EVICOM™The main characteristics of GD3/349 are: good flexibility.  
EVICOM™Typical application fields of GD3/349 are: wires and cables

General Information	
Features	Good flexibility
Uses	Cable sheath
	Wire and cable applications
Agency Ratings	BS 7655
Appearance	Opacity
Forms	Particle
Processing Method	Extrusion
	Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm³	BS 2782 620A
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	80		BS 2782 365B
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	19.0	MPa	BS EN 60811-1-1.1
Tensile Elongation (Break)	350	%	BS EN 60811-1-1.1
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (80°C, 168 hr)	-3.0	%	BS EN 60811-1-1.2
Change in Ultimate Elongation (80°C, 168 hr)	-7.0	%	BS EN 60811-1-1.2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (23°C)	5.3E+12	ohms · cm	BS 2782 230A
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	25	%	ISO 4589-2

Additional Information	
BS Softness, BS 2782 365A: 35Cold flex, BS 2782 150B: -15°Ccold bend, BS 2782 151A: -35°CInsulation resistance constant (K-value), 23°C: 190 Mohm-Km	

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## 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

