EVICOM™ GD2/815

Flexible Polyvinyl Chloride

INEOS Compounds

Message:

EVICOM™ GD2/815 is a Flexible Polyvinyl Chloride material. It is available in Europe for extrusion.
Important attributes of EVICOM™ GD2/815 are:
RoHS Compliant
Good Flexibility
Typical application of EVICOM™ GD2/815: Wire & Cable

General Information			
Features	Good Flexibility Low (to None) Lead Content		
Uses	Cable Jacketing Flexible Cord Insulation		
Agency Ratings	BS 7655 2		
RoHS Compliance	RoHS Compliant		
Appearance	Opaque		
Forms	Pellets		
Processing Method	Extrusion		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.49	g/cm³	BS 2782 620A
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A, 15 sec)	88		BS 2782 365B
BS Softness	23		BS 2782 365A
Cold Bend	-30	°C	BS 2782 151A
Cold Flexibility	-5	°C	BS 2782 150B
Heat Stability (200°C)	50.0	min	BS EN 60811-3-3.2
Insulation Resistance Constant - K-value (23°C)	550	Mohms·km	
Loss of Mass - 7 days (100°C)	1.10	mg/cm²	BS EN 60811-3-3.2
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength	17.0	MPa	BS EN 60811-1-1.1
Tensile Elongation (Break)	250	%	BS EN 60811-1-1.1
Aging	**Nominal Value**	**Unit**	**Test Method**
Change in Tensile Strength (100°C, 168 hr)	-4.0	%	BS EN 60811-1-1.2
Change in Ultimate Elongation (100°C, 168 hr)	-9.0	%	BS EN 60811-1-1.2
Electrical	**Nominal Value**	**Unit**	**Test Method**
Volume Resistivity (23°C)	1.5E+14	ohms·cm	BS 2782 230A

Recommended distributors for this material

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