

EVICOM™ PT 80/5

Flexible Polyvinyl Chloride

INEOS Compounds

Message:

EVICOM™PT 80/5 is a flexible polyvinyl chloride material. This product is available in Europe and is processed by extrusion.

EVICOM™The main features of PT 80/5 are:

flame retardant/rated flame

Good flexibility

Typical application areas include:

Wire and cable

Electrical/electronic applications

Hose

General Information			
Features	Good flexibility		
Uses	Cable sheath		
	Electrical/Electronic Applications		
	Garden hose		
	Insulating material		
Agency Ratings	CEI 20-20 TI 1		
	VDE 0207 YI3		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	1.24	g/cm³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	80		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	21.0	MPa	ISO 527-2
Tensile Strain (Break)	350	%	ISO 527-2
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	7.0E+12	ohms · cm	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-1		UL 94
Additional Information			

Cold Flex, ISO 458: -24°CHeat Stability, ISO 182A: 25 minOxygen Index, ISO 4589: 23%Volume Resistivity, ASTM D257, 20°C: 0.07e14 ohm-cmVolume Resistivity, ASTM D257, 70°C: 0.3e11 ohm-cm

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