

EVICOM™ RI5/145

Flexible Polyvinyl Chloride

INEOS Compounds

Message:

Description : Lead stabilised moulding grade
Application : Injection moulding
Characteristics : Very easy-flow, Low impact. Suitable for outdoor use in White colour only
VCM Content, EEC- 81/432CEE: <1 ppm

General Information			
Additive	Lead Stabilizer		
Features	Good Flow		
	Good Impact Resistance		
	Good Stability		
Uses	Outdoor Applications		
Agency Ratings	EU Unspecified Rating		
Appearance	White		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm ³	BS 2782 620A
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	115		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 1% Secant (23°C)	2800	MPa	ASTM D638
Tensile Strength (Yield)	43.0	MPa	BS 2782
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	> 65.0	°C	BS 2782 121A
Vicat Softening Temperature	73.0	°C	BS 2782 120B
CLTE - Flow	6.0E-5	cm/cm/°C	ASTM D696
Thermal Conductivity (23°C)	0.16	W/m/K	ASTM C177
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	BS 2782
Volume Resistivity	5.0E+14	ohms · cm	BS 2782

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