

# EVICOM™ RI5/161

Flexible Polyvinyl Chloride

INEOS Compounds

## Message:

Description : Calcium Zinc stabilised moulding grade

Application : Low impact injection moulding

Characteristics : The ingredients in this formulation have been chosen to give enhanced weathering performance

VCM Content, EEC- 81/432CEE: <1 ppm

General Information			
Additive	Calcium-Zinc Stabilizer		
Features	Good Impact Resistance		
	Good Stability		
	Good Weather Resistance		
Agency Ratings	EU Unspecified Rating		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm <sup>3</sup>	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)	2500	MPa	ASTM D638
Tensile Strength (Yield)	41.0	MPa	BS 2782
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	47.0	°C	BS 2782 121A
Vicat Softening Temperature	54.0	°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+14	ohms	BS 2782
Volume Resistivity	5.0E+14	ohms · cm	BS 2782

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