

Trivin™ 1015

Rigid Polyvinyl Chloride

Vi-Chem Corporation

Message:

Trivin™ 1015 is a Rigid Polyvinyl Chloride material filled with 7.5% filler. It is available in North America for injection molding.

Important attributes of Trivin™ 1015 are:

Good Weather Resistance

Heat Resistant

Low Shrinkage

Typical applications include:

Construction Applications

Engineering/Industrial Parts

General Information			
Filler / Reinforcement	Filler,7.5% Filler by Weight		
Features	Good Weather Resistance		
	High Heat Resistance		
	Low Shrinkage		
Uses	Construction Applications		
	Thin-walled Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	75 to 85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	30.0	MPa	ASTM D638
Flexural Modulus	2000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Gardner Impact ¹ (2.10 mm)	9.00	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	60.0	°C	
1.8 MPa, Unannealed	55.0	°C	
Vicat Softening Temperature	60.0	°C	ASTM D1525
Flammability	Nominal Value	Unit	
Fogging			
16 hrs : 38°C	95	%	
6 hrs : 38°C	95	%	

NOTE

1. 0.08 to 0.085 in, ductile failure

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Recommended distributors for this material

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