

Sinvicomp DBS3503

Rigid Polyvinyl Chloride

Teknor Apex Asia Pacific PTE. LTD.

Message:

SINVICOMP DBS3503 is a rigid polyvinyl chloride material. This product is available in the Asia-Pacific region and is processed by extrusion. The main characteristics of SINVICOMP DBS3503 are: impact resistance.
The typical application fields of SINVICOMP DBS3503 are: electrical/electronic applications

General Information			
Features	Impact resistance, good		
Uses	Electrical/Electronic Applications		
	Profile		
Forms	Powder		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36 - 1.40	g/cm ³	ASTM D792
Volume density-(g/cc) ¹	0.650		
Thermal stability-Congo Red (190°C)	> 30.0	min	BS 2782
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	39.2	MPa	ASTM D638
Tensile Elongation (Break)	150	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	90.0	°C	ASTM D1525 ²
Additional Information			
Typical temperature profile for SINVICOMP compound is from 160°C to 180°C. The optimum temperatures depend on the type of machine as well as screw design being used to process SINVICOMP. Feeding zone: 160°C Compression zone: 160°C~170°C Mixing zone: 170°C~180°C Nozzle/Die Zone: 180°C			
NOTE			
1.	Method: JIS 6721		
2.	压力1 (10N)		

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Recommended distributors for this material

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