

VAMPLEN 1025 V2

Polypropylene Homopolymer
Vamp Tech

Message:

UL 94 V2 at 1,6 mm, homopolymer, 10% mineral filled, good surface appearance, RoHS.

General Information			
Filler / Reinforcement	Mineral,10% Filler by Weight		
Features	Good Surface Finish		
	Homopolymer		
RoHS Compliance	RoHS Compliant		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.01	g/cm ³	ASTM D792
Water Absorption (Saturation)	0.020	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1500	MPa	ASTM D638
Tensile Strength (Yield)	30.0	MPa	ASTM D638
Tensile Elongation (Break)	> 20	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	3.0	kJ/m ²	ISO 180/A
Unnotched Izod Impact Strength	40	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	60.0	°C	ASTM D648A
Vicat Softening Temperature	95.0	°C	ASTM D1525 ¹
RTI Elec	85.0	°C	UL 746
RTI Imp	85.0	°C	UL 746
RTI Str	85.0	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.60 mm	V-2		
3.20 mm	V-2		
Injection	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Drying Time	3.0	hr	
Processing (Melt) Temp	210	°C	
Mold Temperature	60.0	°C	

NOTE

1. Loading 2 (50 N)

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

