

WEVO-CHEMIE Polyurethanes PU 304/300

Polyurethane
WEVO-CHEMIE GmbH

Message:

WEVO-CHEMIE Polyurethanes PU 304/300 is a Polyurethane material. It is available in Europe or North America for casting.
Important attributes of WEVO-CHEMIE Polyurethanes PU 304/300 are:
Flame Rated
Low Viscosity
Typical application of WEVO-CHEMIE Polyurethanes PU 304/300: Electrical/Electronic Applications

General Information			
Features	Low Viscosity		
Uses	Electrical/Electronic Applications		
	Printed Circuit Boards		
Forms	Liquid		
Processing Method	Casting		
Physical	Nominal Value	Unit	
Water Absorption ¹ (Saturation, 23°C)	0.40	%	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	28.0	°C	TMA
Thermal Conductivity	0.20	W/m/K	ISO 22007-2
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 50		
Resin	Mix Ratio by Weight: 100		
Pot Life (22°C)	15 to 50	min	
Thermoset Mix Viscosity ² (22°C)	400 to 600	cP	
Additional Information	Nominal Value	Unit	Test Method
Operating Temperature	-20 to 120	°C	
Uncured Properties	Nominal Value	Unit	Test Method
Density			
22°C ³	0.980 to 1.02	g/cm³	
22°C ⁴	1.20 to 1.24	g/cm³	
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	45 to 50		ISO 868
Tensile Strength	10.0	MPa	ISO 527
Tensile Elongation at Break	80	%	ISO 527
Electric Strength	24	kV/mm	IEC 60243

Relative Permittivity (50 Hz, 23°C)	3.40		IEC 60250
Volume Resistivity	1.0E+14	ohms·cm	IEC 60093
NOTE			
1.	30 Days		
2.	Rotational viscometer		
3.	Resin		
4.	Hardener		

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Recommended distributors for this material

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