

WEVO-CHEMIE Polyurethanes PU 390/300

Polyurethane
WEVO-CHEMIE GmbH

Message:

WEVO-CHEMIE Polyurethanes PU 390/300 is a Polyurethane material. It is available in Europe or North America for casting. Primary attribute of WEVO-CHEMIE Polyurethanes PU 390/300: Flame Rated.
Typical application of WEVO-CHEMIE Polyurethanes PU 390/300: Electrical/Electronic Applications

General Information			
UL YellowCard	E108835-218744		
Features	General Purpose		
Uses	Electrical/Electronic Applications		
	Printed Circuit Boards		
UL File Number	E108835		
Forms	Liquid		
Processing Method	Casting		
Physical	Nominal Value	Unit	
Water Absorption ¹ (Saturation, 23°C)	0.30	%	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-4.00	°C	TMA
Thermal Conductivity	0.40	W/m/K	ISO 22007-2
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	V-2		UL 94
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 30		
Resin	Mix Ratio by Weight: 100		
Pot Life (22°C)	5.0 to 50	min	
Thermoset Mix Viscosity ² (22°C)	800 to 900	cP	
Additional Information	Nominal Value	Unit	Test Method
Operating Temperature	-40 to 130	°C	
Uncured Properties	Nominal Value	Unit	Test Method
Density			
22°C ³	1.20 to 1.24	g/cm³	
22°C ⁴	1.28 to 1.31	g/cm³	
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	38 to 42		ISO 868
Tensile Strength	7.00	MPa	ISO 527
Tensile Elongation at Break	88	%	ISO 527
Electric Strength	32	kV/mm	IEC 60243

Relative Permittivity (50 Hz, 23°C)	5.50		IEC 60250
Volume Resistivity	6.7E+14	ohms·cm	IEC 60093
NOTE			
1.	30 Days		
2.	Rotational viscometer		
3.	Hardener		
4.	Resin		

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Recommended distributors for this material

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