

WEVO-CHEMIE Polyurethanes PU 930 M/600

Polyurethane
WEVO-CHEMIE GmbH

Message:

WEVO-CHEMIE Polyurethanes PU 930 M/600 is a Polyurethane material. It is available in Europe or North America for casting.

Important attributes of WEVO-CHEMIE Polyurethanes PU 930 M/600 are:

- Flame Rated
- Chemical Resistant
- Good Adhesion
- Typical applications include:
 - Automotive
 - Electrical/Electronic Applications

General Information			
Features	Good Adhesion		
	Good Chemical Resistance		
Uses	Automotive Applications		
	Automotive Electronics		
	Electrical/Electronic Applications		
	Printed Circuit Boards		
Forms	Liquid		
Processing Method	Casting		
Physical	Nominal Value	Unit	
Water Absorption ¹ (Saturation, 23°C)	1.0	%	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	30.0	°C	TMA
Thermal Conductivity	0.36	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: 33		
Resin	Mix Ratio by Weight: 100		
Pot Life (22°C)	10 to 45	min	
Thermoset Mix Viscosity ² (22°C)	1800 to 2200	cP	
Additional Information	Nominal Value	Unit	Test Method
Operating Temperature	-40 to 140	°C	
Uncured Properties	Nominal Value	Unit	Test Method
Density			
22°C ³	1.20 to 1.24	g/cm ³	

22°C ⁴	1.39 to 1.42	g/cm ³	
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	60 to 65		ISO 868
Tensile Strength	12.0	MPa	ISO 527
Tensile Elongation at Break	140	%	ISO 527
Electric Strength	31	kV/mm	IEC 60243
Relative Permittivity (50 Hz, 23°C)	5.00		IEC 60250
Volume Resistivity	3.0E+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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