

WEVO-CHEMIE Polyurethanes PU 403/300

Polyurethane
WEVO-CHEMIE GmbH

Message:

WEVO-CHEMIE Polyurethanes PU 403/300 is a Polyurethane material. It is available in Europe or North America for casting.
Important attributes of WEVO-CHEMIE Polyurethanes PU 403/300 are:
Flame Rated
Heat Resistant
Typical applications include:
Automotive
Electrical/Electronic Applications
High Temperature Applications

General Information			
Features	Good Thermal Stability		
Uses	Automotive Applications		
	Automotive Electronics		
	High Temperature Applications		
	Printed Circuit Boards		
Forms	Liquid		
Processing Method	Casting		
Physical	Nominal Value	Unit	
Water Absorption ¹ (Saturation, 23°C)	0.70	%	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-4.00	°C	TMA
Thermal Conductivity	0.60	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: 14		
Resin	Mix Ratio by Weight: 100		
Pot Life (22°C)	2.0 to 50	min	
Thermoset Mix Viscosity ² (22°C)	2500 to 3500	cP	
Additional Information	Nominal Value	Unit	Test Method
Operating Temperature	-50 to 165	°C	
Uncured Properties	Nominal Value	Unit	Test Method
Density			
22°C ³	1.20 to 1.24	g/cm ³	
22°C ⁴	1.75 to 1.79	g/cm ³	
Cured Properties	Nominal Value	Unit	Test Method

Shore Hardness (Shore D)	65 to 75		ISO 868
Tensile Strength	9.00	MPa	ISO 527
Tensile Elongation at Break	40	%	ISO 527
Electric Strength	30	kV/mm	IEC 60243
Relative Permittivity (50 Hz, 23°C)	5.70		IEC 60250
Volume Resistivity	1.9E+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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