

WEVO-CHEMIE Polyurethanes PD 4/385

Polyurethane
WEVO-CHEMIE GmbH

Message:

WEVO-CHEMIE Polyurethanes PD 4/385 is a Polyurethane material. It is available in Europe or North America for casting.
Important attributes of WEVO-CHEMIE Polyurethanes PD 4/385 are:
Flame Rated
Good Flexibility
Moisture Resistant
Typical applications include:
Automotive
Electrical/Electronic Applications

General Information			
Features	Good Flexibility		
	Low to No Water Absorption		
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)	0.20	%	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-60.0	°C	TMA
Thermal Conductivity	0.22	W/m/K	ISO 22007-2
Flammability	Nominal Value	Test Method	
Flame Rating (3.00 mm)	HB	UL 94	
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 34		
Resin	Mix Ratio by Weight: 100		
Pot Life (22°C)	10 to 30	min	
Thermoset Mix Viscosity ² (22°C)	1200 to 1600	cP	
Additional Information	Nominal Value	Unit	Test Method
Operating Temperature	-60 to 120	°C	
Uncured Properties	Nominal Value	Unit	Test Method
Density			
22°C ³	0.910 to 0.930	g/cm ³	


22°C ⁴	1.20 to 1.24	g/cm ³	
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	70 to 78		ISO 868
Tensile Strength	9.00	MPa	ISO 527
Tensile Elongation at Break	210	%	ISO 527
Electric Strength	25	kV/mm	IEC 60243
Relative Permittivity (50 Hz, 23°C)	3.10		IEC 60250
Volume Resistivity	4.2E+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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