

WEVO-CHEMIE Polyurethanes PU 9251 FL/300 RE

Polyurethane
WEVO-CHEMIE GmbH

Message:

WEVO-CHEMIE Polyurethanes PU 9251 FL/300 RE is a Polyurethane material. It is available in Europe or North America for casting.
Important attributes of WEVO-CHEMIE Polyurethanes PU 9251 FL/300 RE are:
Flame Rated
Heat Resistant
Typical applications include:
Electrical/Electronic Applications
Automotive

General Information			
UL YellowCard	E108835-100041164		
Features	Good Thermal Shock Resistance		
Uses	Automotive Applications		
	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)	1.3	%	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	-20.0	°C	TMA
Thermal Conductivity	0.57	W/m/K	ISO 22007-2
Flammability	Nominal Value	Test Method	
Flame Rating (6.00 mm)	V-0	UL 94	
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Hardener	Mix Ratio by Weight: 15		
Resin	Mix Ratio by Weight: 100		
Pot Life (22°C)	15 to 40	min	
Thermoset Mix Viscosity ² (22°C)	1300 to 1800	cP	
Additional Information	Nominal Value	Unit	Test Method
Operating Temperature	-40 to 135	°C	
Uncured Properties	Nominal Value	Unit	Test Method
Density			
22°C ³	1.20 to 1.24	g/cm³	

22°C ⁴	1.53 to 1.56	g/cm ³	
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness			ISO 868
Shore D	35 to 40		
Shore A	85 to 90		
Tensile Strength	7.00	MPa	ISO 527
Tensile Elongation at Break	80	%	ISO 527
Electric Strength	27	kV/mm	IEC 60243
Relative Permittivity (50 Hz, 23°C)	7.80		IEC 60250
Volume Resistivity	1.0E+12	ohms·cm	IEC 60093
NOTE			
1.	30 Days		
2.	Rotational viscometer		
3.	Hardener		
4.	Resin		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

