

WEVO-CHEMIE Polyurethanes PU 7210 FL/507

Polyurethane
WEVO-CHEMIE GmbH

Message:

WEVO-CHEMIE Polyurethanes PU 7210 FL/507 is a Polyurethane material. It is available in Europe or North America for casting.

Important attributes of WEVO-CHEMIE Polyurethanes PU 7210 FL/507 are:

- Flame Rated
- Heat Resistant
- Typical applications include:
 - Electrical/Electronic Applications
 - High Temperature Applications

General Information			
UL YellowCard	E108835-100139167		
Features	High Heat Resistance		
Uses	Electrical/Electronic Applications		
	High Temperature Applications		
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	85.0	°C	TMA
Thermal Conductivity	0.55	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: 43		
Resin	Mix Ratio by Weight: 100		
Pot Life (22°C)	10 to 35	min	
Thermoset Mix Viscosity ² (22°C)	400 to 600	cP	
Additional Information	Nominal Value	Unit	Test Method
Operating Temperature	-40 to 145	°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 1.57	g/cm³	
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	85 to 90		ISO 868

Tensile Strength	54.0	MPa	ISO 527
Tensile Elongation at Break	2.0	%	ISO 527
Electric Strength	34	kV/mm	IEC 60243
Relative Permittivity (50 Hz, 23°C)	3.70		IEC 60250
Volume Resistivity	7.0E+14	ohms·cm	IEC 60093

NOTE

- | | |
|----|-----------------------|
| 1. | 30 Days |
| 2. | Rotational viscometer |
| 3. | Hardener |
| 4. | Resin |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

