

**THE DOW CHEMICAL COMPANY
SALES SPECIFICATION**

Name: XIAMETER™ PMX-561 Transformer Fluid
Specification Number: 00000881307
Effective Date: 2025-05-08

External Notes

- 1 The following properties are warranted to meet the indicated limits, but Dow Chemical does not perform these tests in lot acceptance.

Test Item -----	Limits -----
Specific Gravity (25C/15.6C)	0.957 - 0.963
Refractive Index (25C)	1.4010 - 1.4030
Color, APHA	0 - 15
Flash point	>= 572 °F
Fire Point Cleveland Open Cup	>= 650 °F
Acid Number	0.0000 - 0.0100 mg KOH/g
Volatile Content	0.00 - 0.50 %
PCB	0 - 1 ppm

- 2 <FM APPROVED>

This material is FM APPROVED
The Fire Point exceeds 572F (300C)
The Convective Heat Release Rate 280 Btu/ft2/minute (53kW/m2)**
The Radiant Heat Release Rate 132 Btu/ft2/minute (25kW/m2)**

** The Heat Release Rates are intended for use with FM Global Property Loss Data Sheet 5-4S/14-8S

- 3 The following tests form part of the IEC 836 Standard. Dow Chemical will warrant these properties to meet the standard and they will conform to the indicated limits, but Dow Chemical does not perform these tests in lot acceptance.

Test Item -----	Limits -----
Specific Gravity (20C/20C)	0.955 - 0.970
Refractive Index (20C)	1.4020 - 1.4060
Viscosity Glass Capillary 40C	36 - 44 cSt
Flash point Closed Cup	>= 240 °C
Fire Point Cleveland Open Cup	>= 343 °C
Pour Point	<= -50 °C
Breakdown Voltage Iec	>= 40 KV
Dielectric Constant	2.50 - 2.60
Volume Resistivity 60Hz	>= 100000000000.00 Ohm/cm
Dissipation Factor	<= 0.001000

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READ PRECAUTIONARY INFORMATION AND MATERIAL SAFETY SHEETS. THIS PRODUCT IS SHIPPED IN COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS REGARDING CLASSIFICATION, PACKAGING, SHIPPING AND LABELING.