

# Q8 Michelangelo S

## Application

- Transformers

## Specifications

- IEC 60296:2012, special applications
- ASTM D3487 type II (excluding gassing tendency)

## Benefits

- High resistance against oxidation
- High dielectric strength
- Low dissipation factor
- No effect on the isolating material
- Good thermal conductivity

Properties	Method	Unit	Typical
Appearance	IEC 60296	-	Clear
Absolute Density, 20 °C	D 1298	kg/m <sup>3</sup>	877
Colour	D 1500	-	L0.5
Kinematic Viscosity, -30 °C	D 445		730
Kinematic Viscosity, 40 °C	D 445		7.6
Kinematic Viscosity, 100 °C	D 445		2.1
Flash Point	D 93	°C	144
Pour Point	D 97	°C	-63
Sulphur	D 2622	% mass	<0.01
Total Acidity	IEC 62021	mg KOH/g	0.04
Water content	IEC 60814	mg/kg	<20
Interfacial tension	ISO 6295	mN/m	50
Corrosive Sulphur (18 h at 100 °C)	DIN 51353	-	non corrosive pass
Dielectric Strength		-	
untreated ex works	IEC 60156	kV	40-60
treated	IEC 60296	kV	>70
Dissipation factor, 90 °C	IEC 60247	-	<0.001
Oxidation Stability	IEC 61125 C	-	after 500h at 120°C
Total Acidity		mg KOH/g	0.04
Sludge		% mass	<0.02
Dissipation factor, 90 °C		-	0.03

The figures above are not a specification. They are typical figures obtained within production tolerances.