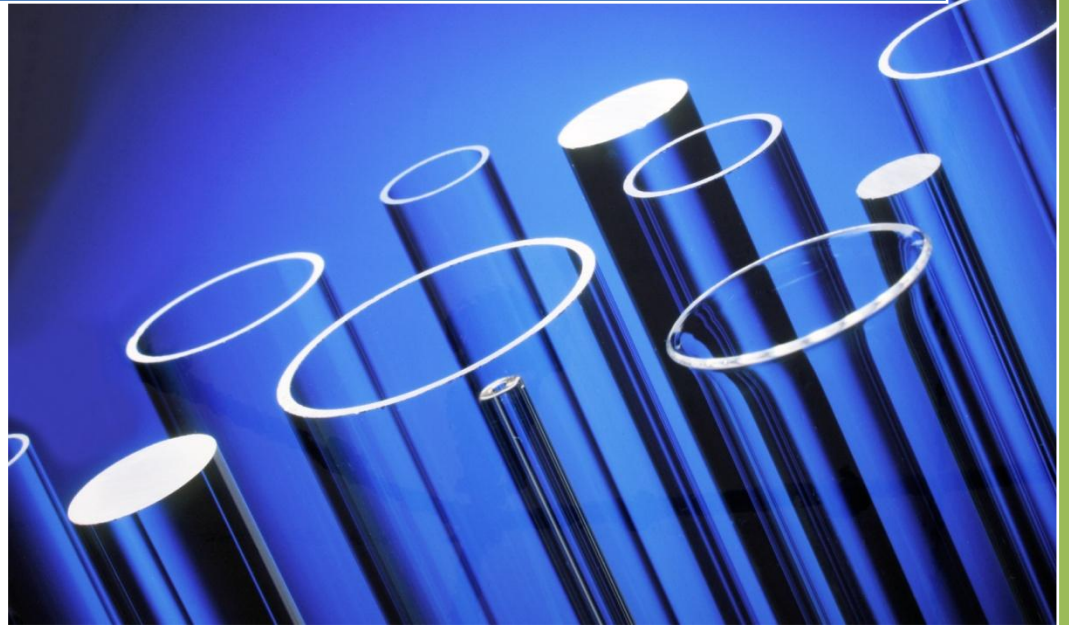


2012-
2013

Technical Data Squall Quartz
1600



Introduction

In our continues effort to supply our customers with the best possible materials and information we hereby supply you with the technical information for our “1600” material. The listed properties are the standard specification. Deviating from the properties listed is possible, if there are customer specific requirements this should be discussed between Customer and Squall International BV.

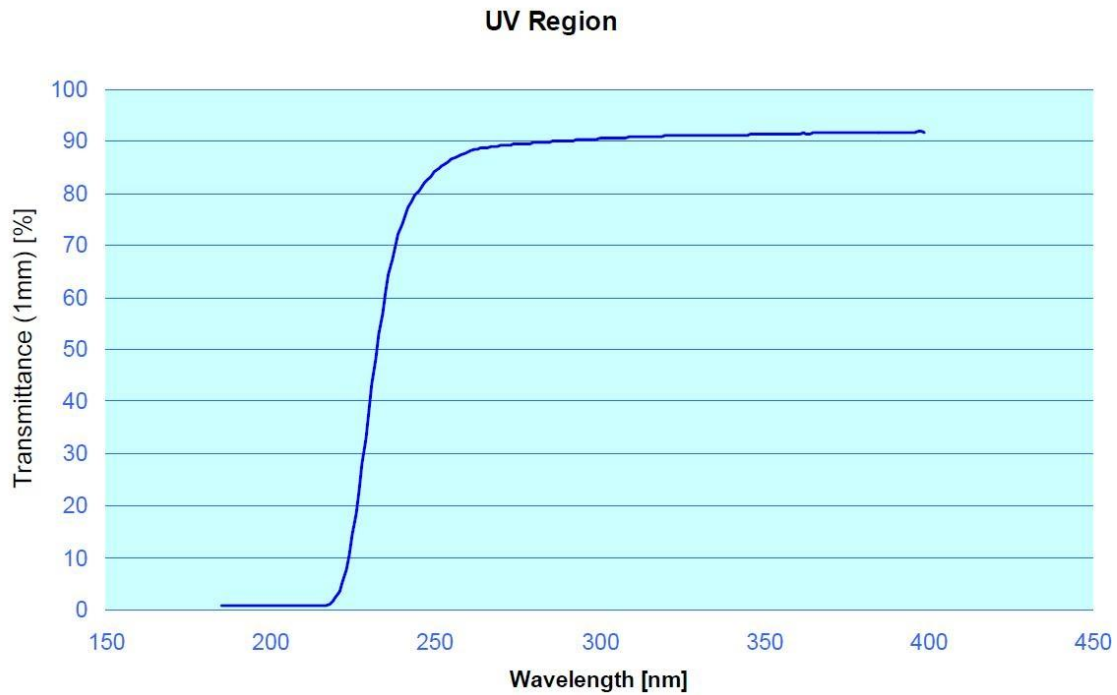
Index

Introduction.....	1
Index.....	2
1 Transmittance	3
2 Viscosity	3
3 OH value	4

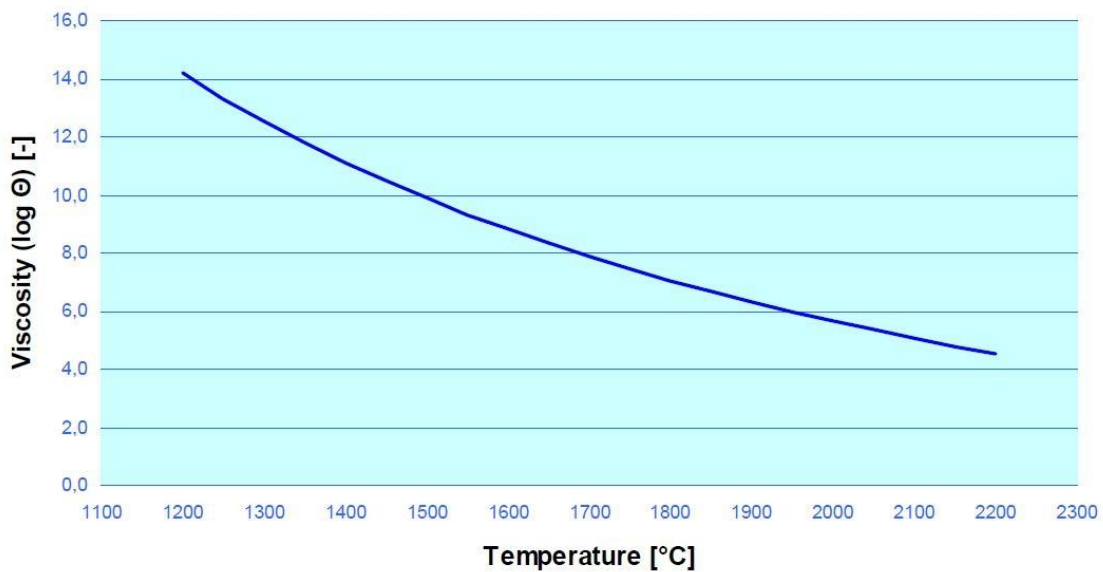
1 Transmittance

Limits for transmission values of 1.00 [mm] wall thickness:

Wave length λ [nm]	205	220	230	240	254	300	350
Transmission T [%]	< 3	< 20	< 65	> 75	> 85	> 89	> 90



2 Viscosity



3 OH value

The OH-concentration is given in ppm and guaranteed at ± 0.2 [ppm]

β-OH content of Squall Quartz Glasses (guaranteed values in ppm)						
Quartz Type	Unbaked	MD (≤ 10)	ND (≤ 5)	ED (≤ 2)	SD (≤ 1)	XD (≤ 0.5)
1000	✓ approx. 150	✓	✓	✓	✓	✓
1600	✓ approx. 150	✓	✓	✓	✓	n.a.

Definition:

- MD: Medium Dry
- ND: Normal Dry
- ED: Extra Dry
- SD: Super Dry
- XD: Extreme Dry