Lumiglas®

High pressure glass burst disk for oil well cementing

Executive standard: Q/LMX5817 "High pressure glass burst disc"

Material: LMX35
Bursting bending strength: 530-610 MPa
Softening point: 975 ℃
Density: 3.42 g/cm^3
Young's modulus: 11450 N/mm^2
Maximum service temperature: 500 ℃
Thermal shock: 300 ℃
Refractive index: 1.6720
Impact energy resistance:4--30 J
Expansion coefficient: 48--63*10^{-7}K/cm.C
Bursting bending strength: 530-600 MPa
Suitable for bursting pressure range: 50--120 MPa
Fragment size: ≤8*8 mm
Maximumcible diameter: ≤ φ250 mm
Standard sizes: D129 D142 D144 D145 D136 D153, D245, etc.
Non-standard sizes can be customized.
Main users: China National Petroleum Corporation, Sinopec, CNOOC companies, and manufacturers of oil well cementing tools.
Manufacturer: Lumistar Special Glass Technology Co., Ltd.

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High pressure glass burst disk for oil well cementing

Executive standard: Q/LMX5817 "High pressure glass burst disc"

Material: LMX56
Bursting bending strength: 430-500 MPa
Softening point: 915 ℃
Density: 2.62 g/cm^3
Young's modulus: 8450 N/mm^2
Maximum service temperature: 500 ℃
Thermal shock: 300 ℃
Refractive index: 1.5472
Impact energy resistance:4--20 J
Expansion coefficient: 45--48*10-7K/cm.C
Bursting bending strength: 430-500 MPa
Suitable for bursting pressure range: 15--70 MPa
Fragment size: ≤5*5 mm
Maximumcible diameter: ≤ φ250 mm
Standard sizes: D129 D142 D144 D145 D136 D153, D245, etc.
Non-standard sizes can be customized.
Main users: China National Petroleum Corporation, Sinopec, CNOOC companies, and manufacturers of oil well cementing tools.
Manufacturer: Lumistar Special Glass Technology Co., Ltd.