

# PERFREZ® 9091A

Performance Excellence

PERFREZ® 9091A . 2019.

## Technical Datasheet

PERFREZ® 9091A offers excellent chemical resistance and outstanding performance at low temperature. With its high hardness, PERFREZ® 9091A is resistant to extrusion under high-pressure environments. This compound is ideal for use in oil & gas field, where resistance to explosive decompression is essential. In addition, PERFREZ® 9091A is well-suited for subsea equipments as it resists to low temperature.



### Recommended Applications

- Chemical processing applications
- Deepwater drilling equipment
- Oil and gas processing applications

### Features and Benefits

- Low temperature resistance
- High hardness
- Broad chemical resistance
- NORSOK M710

## Typical Physical Properties

Color	Black	
PROPERTIES	ASTM	VALUE
Hardness, (Shore A)	D2240	90 -/+5
Tensile Strength psi, (MPa)	D1414	1642(11.32)
Elongation, %	D1414	206
Modulus at 100% psi, (MPa)	D1414	835(5.76)
Compression Set, 70 Hrs@ 200°C	D395, Method B	26.9
Minimum Operating Temperature	-40°C	
Maximum Operating Temperature	230°C	
Specific Gravity (g/cm <sup>3</sup> )	1.93	

**\*\*EVEN THOUGH ELONGATION PROPERTY IS INDICATED, MOST PERFLUROELASTOMER MATERIALS SHOULD NOT BE STRETCHED FOR OPTIMAL PERFORMANCE.**

*Note: color variations may be observed in parts. Variations are considered to be cosmetic and inherent as a result of curing process, not indicative for foreign matter and is not expected to have an adverse effect on the performance of the part in service.*