

# Z240

## HNBR 90 BLACK ED

Update 27 March 2019

### General Application

#### Temperature Range

From -20°C  
To 150°C

### General Environmental Application

Coolant  
Mineral Oils  
Ozone  
UV Rays  
H2S

### Compliances NORSOK M710

### Composition – IMDS Data

CAS n°	Qty %

### Note

...

### Disclaimer

Temperatures, applications and indications here above are meant as basic suggestions and valid for static applications with no other specific media and or conditions.

### PHYSICAL AND MECHANICAL PROPERTIES

Property	Test STD	Unit	Value
Density	DIN 53479	g/cm <sup>3</sup>	1,24 ± 0,03
Hardness	DIN 53505	ShA	90 ± 5
Tensile Strength	DIN 53504	N/mm <sup>2</sup>	28
Elongation	DIN 53504	%	170
Tear resistance	DIN 53515	N/mm	54
TR 10		°C	
Brittle Point		°C	
C. Set 24h @150°C		%	
C. Set 70h @150°C		%	

### AGEING PROPERTIES

Environment	Test STD	Unit	Value
---	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weigth</i>	%	
---	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weigth</i>	%	
---	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weigth</i>	%	
---	<i>Hardness Change</i>	ShA	
	<i>Tensile Strength</i>	%	
	<i>Elongation</i>	%	
	<i>Volume</i>	%	
	<i>Weigth</i>	%	

