

# Z241

## HNBR 90 BLACK

Update 27 March 2019

### General Application Temperature Range

From -30°C  
To 150°C

### General Environmental Application

Coolant  
Mineral Oils  
Ozone  
UV Rays  
H2S

### Compliances

### Composition – IMDS Data

CAS n°	Qty %
164843-74-7	40-50
1333-86-4	40-50
1314-13-2	1-4
25155-25-3	2-5
n.a.	5-6

### 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>	1,27 ± 0,03
Hardness	DIN 53505	ShA	90 ± 5
Tensile Strength	DIN 53504	N/mm <sup>2</sup>	23
Elongation	DIN 53504	%	177
Tear resistance	DIN 53515	N/mm	54
TR 10		°C	
Brittle Point	ASTM D2137	°C	-45
C. Set 24h @150°C	DIN 53517	%	33
C. Set 70h @150°C	DIN 53517	%	46

### 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>	%	

