

# AMERICAN HIGH PERFORMANCE SEALS, INC.

## MATERIAL DATA SHEET

## Duralast 6146

### GENERAL

Duralast 6146 is an Engineered Rubber, giving it varying degrees of saturation of the polymeric chain, resulting in enhanced physical properties and improved chemical resistance.

It is excellent heat and oil resistant including exposure to such oil additives as detergents, anti-oxidants and anti-wear agents. It also shows a up to five times higher resistance to sour gas and ozone

Duralast 6146 is used for seals in oil well applications, and other special industrial applications where improved performance and service life is required.

Properties:	Unit:	Test method	Value
Hardness at 20°C:	Shore A	DIN 53505	85+/-5
Specific gravity:	g/ccm	DIN 53479	1.23
Tensile strength:	N/mm <sup>2</sup>	DIN 53504	>18
Elongation at break:	%	DIN 53504	>200
Compression set:22h/100C	%	DIN 53517A	20
Compression set:22h/150C	%	DIN 53485	22
Minimum application temp.	F		-13
Maximum application temp.	F		302

The mentioned data are only valid for test pieces of corresponding ISO,DIN and ASTM standards and cannot be directly related to gaskets and seals.