

Compound data sheet

Material Type: FFKM 80 HT

Preparation number: 9P83M018

Description: This formulation has been designed for sealing applications at very high temperatures and for aggressive chemicals including hot organic and inorganic acids, alkalis, ketones, esters, alcohols, & fuels. It also has exceptional resistance to steam. The results below are based on the suppliers material data sheet and are what would be expected for 9P83M018

- Upper continuous working temperature 300°C
- Peak working temperature 320°C
- Lower working temperature 0°C

Characteristic	Unit	Result
Hardness	Shore	80
Tensile Strength	MPa	14
Elongation at break	% change	160
Compression set (70 hours at 200°C)	% change	19
Compression set (70 hours at 300°C)	% change	41
Steam 168 hours at 300°C		
Hardness change	Shore	0
Tensile Strength	% change	+11
Elongation at break	% change	-17