

# AST 385

## PERFLUOROELASTOMER (FFKM)



### AST385 Perfluoroelastomer

AST385 is a general-purpose carbon filled perfluoroelastomer compound that has the very broad chemical resistance found with perfluoroelastomer based compounds. Unlike some FFKM compounds, it works well in hot amines, steam and hot water. AST385 has excellent high temperature capabilities (continuous up to 570 °F) and low compression set characteristics. AST385 can be used in the most challenging fluid handling applications.

#### TYPICAL PROPERTIES

Physical Properties	ASTM Method	Typical Value
Color		Black
Hardness, Shore A. Points	D2240	80
100% Modulus	D412	1350
Elongation @ Break, %	D1414	185
Tensile Strength @ Break, psi	D1414	2900
Specific Gravity	D297	2.00
Maximum Continuous Service °F		570 °F
Maximum Continuous Service °C		299 °C
Compression Set @ 25% Deflection 70 Hours @ 527 °F/275 °C, in Air, % of original deflection	D395-03 Method B	25

*Unless otherwise noted all tests conducted on AS 568 (-214) O-Rings*



*As indicated physical property values are typical. All statements and recommendations in this publication are based on our experience and knowledge of typical applications of this product and shall not constitute a guarantee of performance nor modify or alter our standard warranty for this product. Prior to actual use it is highly recommended that suitable tests be run to determine this product's suitability in a specific application. This is critical where failure could result in injury or damage.*

## ADVANCED SEALING TECHNOLOGY

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