

# Material Properties

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# Chapter 1

## Diffusivity

# Chapter 2

## Viscosity

## Chapter 3

# Thermal conductivity

## Chapter 4

# Electrical conductivity

## Chapter 5

# Electron-ion coupling

## Chapter 6

# Stopping power



# Chapter 7

## Ionization

## Chapter 8

# Equation of state

## Chapter 9

# Opacity