

**SBase**

**Parameter (extended)**

spatialSymbolReference 0,1

**SpatialSymbolReference**

spatialRef: SpIdRef

type: string <- do we need this?

advectionCoefficient 0,1

**AdvectionCoefficient**

variable: SIdRef

coordinateIndex: int

boundaryCondition 0,1

**BoundaryCondition**

variable: SIdRef

type: BoundaryKind

coordinateBoundary: SpIdRef {use="optional"}

boundaryDomainType: SpIdRef {use="optional"}

diffusionCoefficient 0,1

**DiffusionCoefficient**

variable: SIdRef

type: DiffusionKind

coordinateIndex 0,2

**CoordinateIndex**

coordinate: int