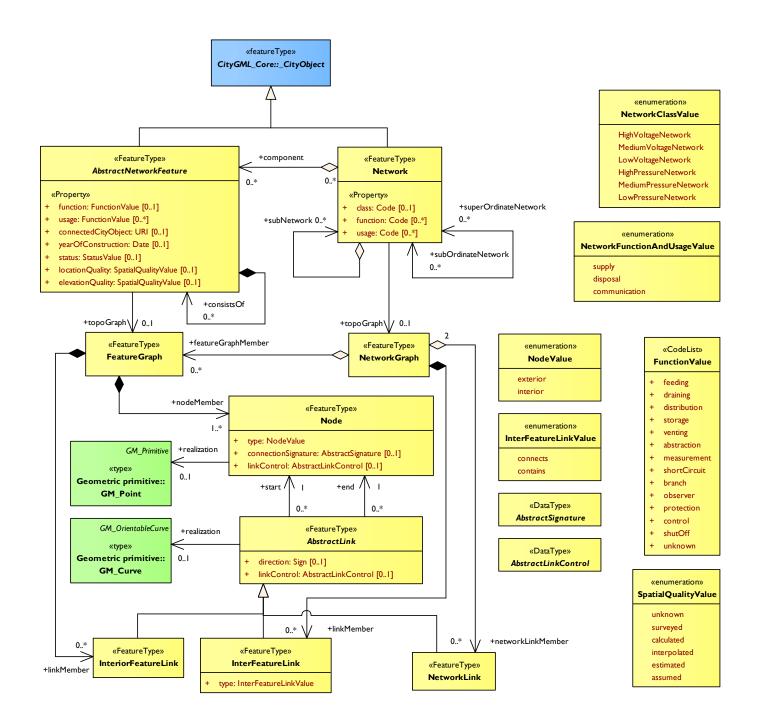
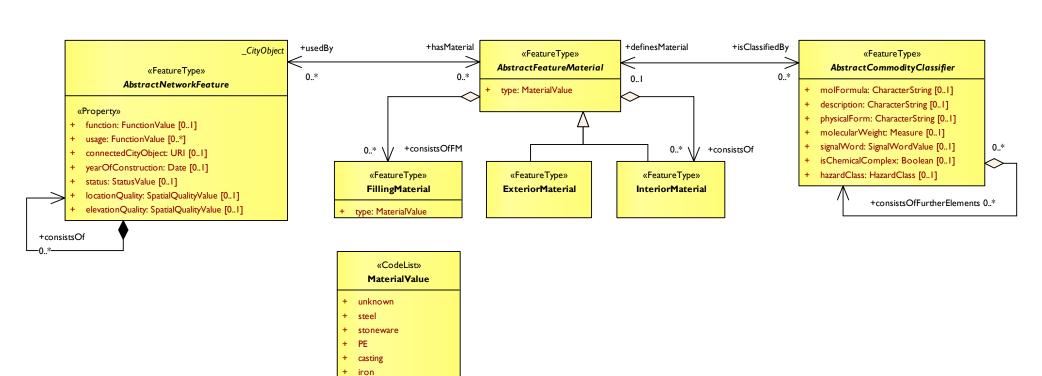
# CityGML UtilityNetwork ADE UML diagrams

as contained in UtilityNetworkADE\_0\_9\_2.eap

#### **UtilityNetwork ADE - Core**



### **UtilityNetwork ADE – Feature Material**

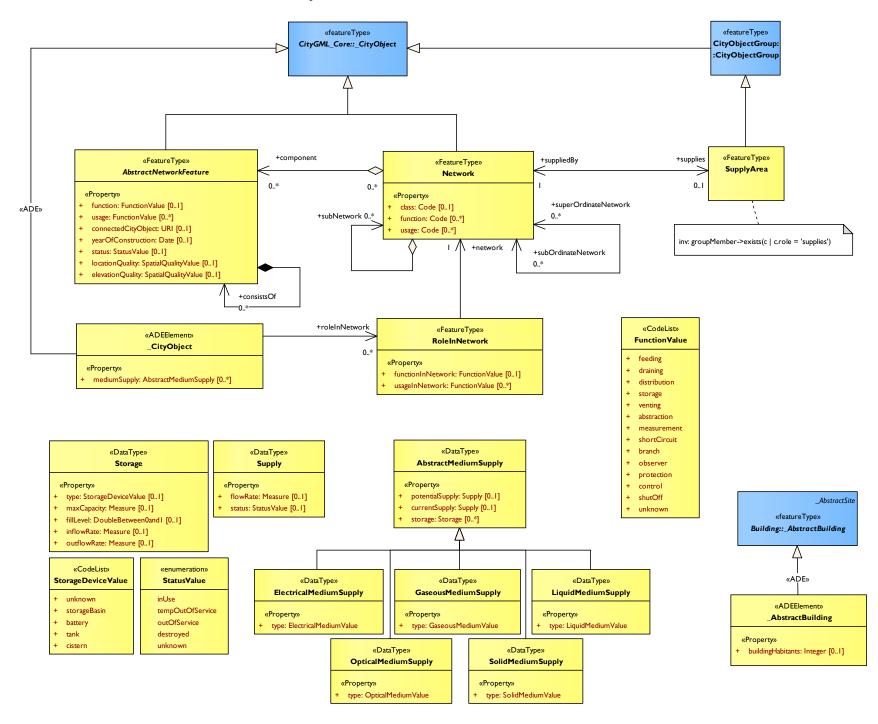


+ brick+ glass+ copper+ rubber

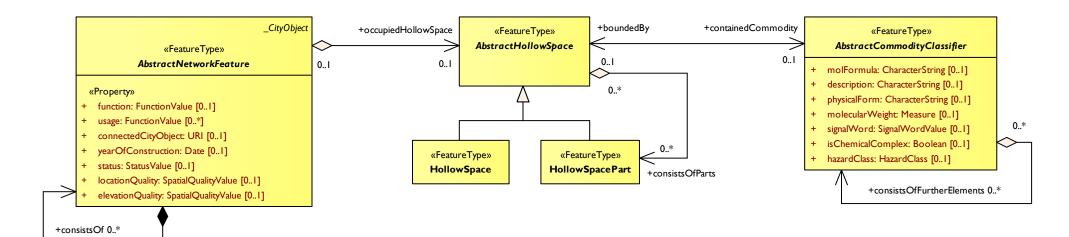
+ carbon + sand

polymericOpticalFibre quartzSilica

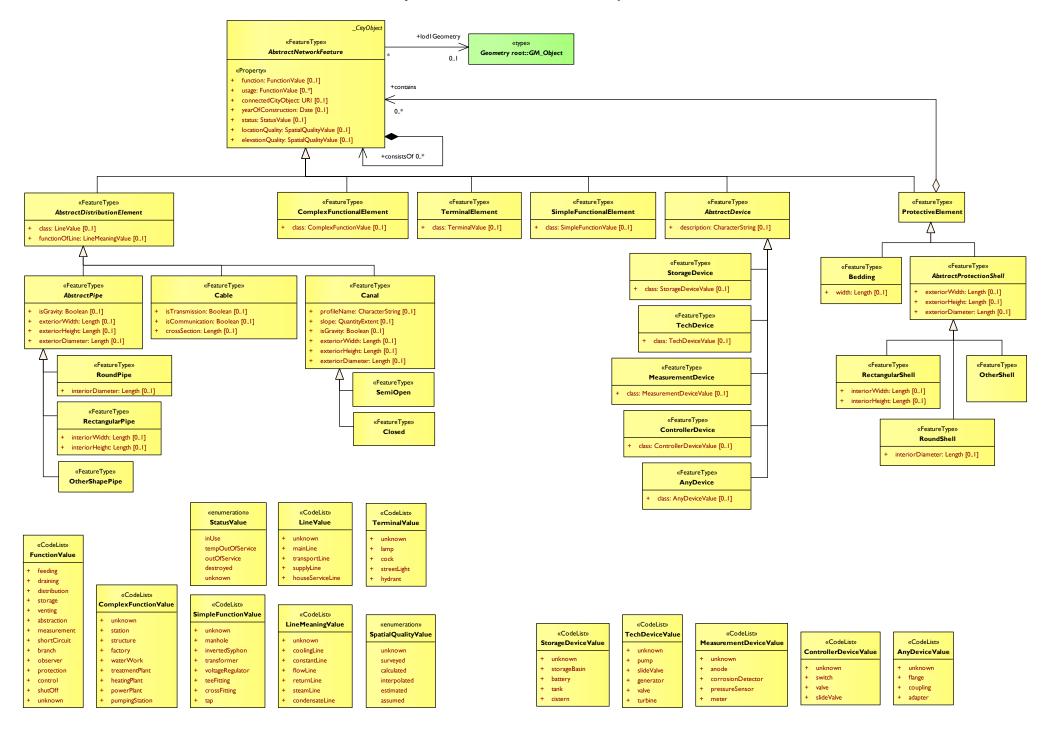
#### **UtilityNetwork ADE – Functional Characteristics**



### **UtilityNetwork ADE – Hollow Space**



#### **UtilityNetwork ADE – Network Components**



## **UtilityNetwork ADE - Network Properties**

