For a given prime we will define the p-ordinary part of the cohomology $H^{\bullet}_{\mathrm{ord}}(\Gamma\backslash X, \tilde{M}_{\lambda})$ where $\tilde{M}`\lambda$ is a system of coefficients.with highest weight λ.

We will discuss the p-torsion of the ordinary cohomology and prove a uniform boundedness of this torsion. To do this we construct interpolating coefficient systems for, which depend on p-adic characters.