

## **PA6 Retardant CR-M55105**

Inovia CR-M55105 is a new halogen-free flame retardant developed for PA6 plastics. Adding about 11% would reach UL94 V0 at 0.4mm. 0.8mm or 1.6mm would require about 13% dosage level to reach UL V0. The retarding performance is quite stable, which is different from MCA retardant. The mechanical properties and thermal properties of the PA6 flame retardant plastics are excellent.

### **Physical Data**

Item	Data
Phosphors content	0.30~0.40wt.%
Sulfur content	0.33~0.43wt.%
Nitrogen content	46.5~47.5wt.%
Appearance	White powder
Thermally stable temperature	>300°C

### **Recommended Dosage**

CR-M55105	UL 94 rating
11%	V0@0.4mm
13%	V0@0.8mm~1.6mm

### **Packaging**

20kg/bag. Samples can be packed as required.

\*The data recommended in this document can be used as a reference for various purposes. There will also be some amendments along with new technical improvements. Therefore, when designing the product, the use environment and structure of the product should be fully considered, and whether the product has any problems should be judged by the design company itself.