

TECHNICAL DATA SHEET

PRODUCT NAME : Flame Retardant P09781

APPLICATION INTRODUCTION

Formulation System is based on the High-Efficient Bromine-Antimony Composite Flame Retardants. This product is specifically designed for polypropylene (PP) materials, suitable to applications with stringent requirements for low-toxicity substance emissions and flame-retardant performance. The specialized formulation endows PP products with exceptional self-extinguishing properties, effectively elevating the fire resistance rating of plastic components. It enhances the material's resistance to ignition, significantly reduces flame spread speed, mitigates burning melt-dripping phenomena, and delivers superior physical performance. Compatible with base resins, it achieves benefits of low additive ratios and outstanding cost-effectiveness.

MAIN TECHNICAL INDEX

Form	: [Pellet]	Bulk Density @ 23°C(g/cm3)	: [0.57]
Color	: [Natural]	MFI,2.16kg,230°C(g/10mins)	: [Avg.37.3]
Melt Temperature (°C)	: [165]	Water Ratio (%)	: [≤0.30]
Carrier Resin	: [Homo PP]	Heat Stability(°C)	: [240]
Resin Suitability	: [Homo PP,Copo PP]		
Let Down (%),UL94 V2	: [2.5% to 4.0% in Homo PP, 5.0% to 10.0% in Copo PP]		
Main Application	: [Blowing,Injection,Extruction,etc]		

PACKING

The packing is 25KG per bag. Paper-plastic compound bag outer. Please store in the dry place.

The above information is given based on our present state of knowledge. As there are numerous variations in industrial practice, the information as given is without obligation and liability of whatever on our part.

PETROMALL .

