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AC - 3 WM

AC-3 WM is a unique amino phosphate that can be used to suppress smoke and prevent burning in polyolefin such as polypropylene and polyethylene. It is also effective in polyurethane foams and coatings.

AC-3 WM is thermally stable to 225°C and it is non soluble in water. As a result, it will not leach out over time. It also offers excellent UV stability and is chemically stable to mineral acids. (mineral bases will attack AC-3 WM)

The most recognizable feature of AC-3 WM is its self-contained carbon source and blowing agent, allowing for a lower use of flame retardant while improving the property profile of the finished composition.

Specifications:

Appearance	Free flowing white powder
Decomposition pt (2% wt loss)	225°C min
pH (10% slurry in H ₂ O)	7.5 - 8.5
Moisture content	0.15% max
Phosphorous content	15% min
Nitrogen content	24% min

Suggested Starting Formulations:

Polypropylene	65
AC-3 WM	25 - 30
ATH	10
UL 94 1/8"	VO
UL 94 1/4"	VO
Tensile strength	4950
Tensile strength at break	2800
Izod impact (1/8")	1.00

Note: Material is manufactured by **Broadview Technologies Inc.**

The above table gives typical analysis based on historical production performance. MJL does not make any express or implied warranty that future production will demonstrate or continue to possess these typical analysis.

Revised: January 1, 2008