



Standard Additive Products

Antioxidants & U.V. Concentrates

Color Number	Carrier Resin	Tox. Status	Use Rate	% in Final Part	Suggested Resins Performance Characteristics
MC9681	PE	FDA	1.0%	0.05 %	Long Term Heat Agent / Antioxidant Blend PP, PE, (Some TPE's)
MB90153	N/A Dry	HMF	0.25 %	0.25 %	Antioxidant for Nylon
AC9835	ABS	HMF	5.0%	0.50 % U.V.	ABS 1-2 year Package <i>(ABS polymer has inherently poor light fastness properties. Product life is dependent upon part thickness & conditions of use)</i>
LC90284	PE	FDA	1.0%	0.05 % U.V.	Minimum U.V. Package 1 Year Occasional Outdoor / Short Product Life PP/PE (Some TPE's) <i>(dependent upon part thickness & conditions of use)</i>
LC90285	PE	FDA	2.0%	0.10 % U.V.	U.V. Package 1-2 Years Moderate Product Life Semi-Permanent Outdoor PP/PE (Some TPE's) <i>(dependent upon part thickness & conditions of use)</i>
LC90286	PE	FDA	3.0%	0.20 % U.V. 0.05 % A/O	U.V./AO Package 2-4 Years Longer Product Life, Thick Part Sections, Semi-Permanent Outdoor PP/PE (Some TPE's) <i>(dependent upon part thickness & conditions of use)</i>
LC90287	PE	FDA	3.0%	0.25 % U.V. 0.10 % A/O	U.V./AO Package 3-5 Years High Performance Requirements, Extended Product Life, Thin Part Sections, Permanent Outdoor PP/PE (Some TPE's) <i>(dependent upon part thickness & conditions of use)</i>

U.V. packages are designed to protect polymers (not colorants). These products will not enhance performance of non light-fast pigments.

Products listed above are suggestions only based upon supplier data. Part thickness, exposure conditions and polymers have effects on performance.

No guarantees or warranties are expressed or implied with these product recommendations. The customer is responsible for determination of final product suitability and performance characteristics.



Antistat Concentrates - Dry Colors & Concentrates

Color Number	Carrier Resin	Tox. Status	Use Rate	% in Final Part	Suggested Resins
LC90118	PE	FDA/Kosher	1.0 %	0.10 %	PE, PP, (some TPE's) GMS Type Antistat (non-permanent)
LC90130	PE	HMF	5.0 %	0.20 %	PE, PP Amine Antistat (permanent)
MB9876	N/A Dry	FDA	22g/100#	0.05%	Roto Molding Grade GMS Antistat

Blowing Agents - Dry Colors & Concentrates

Color Number	Carrier Resin	Tox. Status	Use Rate	% in Final Part	Suggested Resins
CC90038	EVA	FDA	1.0 %	0.20%	Higher Processing Temperature Polymers , ABS, Nylon, PE, PP, PS > 425 °F
PC90120	EVA	FDA	0.75%	0.25 %	PE, PP, PS < 450 °F
MB90255	N/A Dry	FDA	As Req.	0.10 – 0.20%	PE, PP, PS <i>Use Rate 45 - 91 gm/100 lbs**</i>

**** Dependent upon processing conditions and mold requirements.**

Mold Release Concentrates

Color Number	Carrier Resin	Tox. Status	Use Rate	% in Final Part	Suggested Resins
MB9025	N/A Dry	FDA	50 gm/100#	0.11 %	PA, PE, PP, PS, POM <i>(No ABS, Polycarbonate)</i>
HC90273	PS	FDA	1.50 %	0.11 %	PS, SAN (Opaque colors) <i>(No ABS)</i>

Slip Additives - Dry Colors & Concentrates

Color Number	Carrier Resin	Tox. Status	Use Rate	% in Final Part	Suggested Resins
PC9367	PP	FDA	2.0%	0.10%	PP, (Some TPE)
LC90125	PE	FDA	2.0%	0.10%	PE, (Some TPE)
MB9097	N/A Dry	FDA	As Req. **	0.10 – 0.25%	PP, PE, PVC, <i>Use Rate 45 - 114 gm/100 lbs**</i>

**** Dependent upon polymer type and performance requirements.**