



MegaSpecks Ultra

Speckle-Effect Colorants

Use	MegaSpecks Ultra is a special effect colorant, which creates a speckle-effect or granite-effect in plastics, coatings and other materials.
Available Sizes	MegaSpecks Ultra <Color> Base (Small or Large Base Distribution) MegaSpecks Ultra <Color> Base A and Base C MegaSpecks Ultra <Color> 3001 (Median 250 µm) MegaSpecks Ultra <Color> 4001 (Median 500 µm) MegaSpecks Ultra <Color> 5001 (Median 840 µm) MegaSpecks Ultra <Color> 6001 (Median 1190 µm)
Available Colors	See Reverse Side.
Properties	Carrier Polymer: Proprietary (FDA listed). Density: Dependent on color. Moisture: < 0.50% Appearance: Colored speckle.
Typical Use	MegaSpecks Ultra can be used in typical plastic processing techniques.
Incorporation	For plastics, this colorant is incorporated into masterbatch compounds or liquid colorant formulations to achieve the level necessary for the intended effect. MegaSpecks Ultra is compatible with most processing techniques. Masterbatch loadings of over 30% have been achieved with MegaSpecks Ultra. Due to their high shear and thermal resistance, MegaSpecks Ultra provides for broad processing parameters.
Benefits	<ul style="list-style-type: none">• Significant improvement in manufacturing output during compounding and molding.• Non-abrasive on processing equipment.• Very low use rates (typically 1/5th of mica based effect materials).• High thermal stability up to 650° F (300° C).• Excellent shear stability.• Low moisture compared to competitive materials.• Low static buildup, allows for ease of use and accuracy of weighing.• Ability to custom size and color material.
Storage & Handling	MegaSpecks Ultra will remain shelf stable indefinitely when stored in closed containers, in a cool location. MegaSpecks Ultra is packaged in 55 lb. (20 Kg) containers.
Food Contact	All components used in the formulation of the MegaSpecks polymeric matrix are compliant with 21 CFR 177.2600 (a) & (b). The pigments used for coloring the polymeric matrix are compliant with 21 CFR 178.3297 unless noted. (See Reverse Side.)



Typical Properties

Color Name	Specific Gravity (g/cc)	FDA	Resistance Properties		
			Light	Heat	Shear
Black	1.29	✓	5	5	5
White	1.48	✓	5	5	5
Brown	1.30	✓	5	5	5
Tan	1.30	✓	5	5	5
Brick Red	1.30	✓	5	4	5
Blue	1.32	✓	5	5	5
C-Green	1.30	✓	5	5	5
Light Orange	1.32	✓	5	5	5
Red	1.29	✓	5	4	4
Green	1.29	✓	5	5	4
Yellow	1.30		4	4	4

Key to Resistance Properties

Excellent	5
Very Good	4
Good	3
Marginal	2
Poor	1

Compatible Processing Techniques

Extrusion	✓
Injection Molding	✓
Blow Molding	✓
Thermoforming	✓
Casting	✓
Rotational Molding	✓