

# FDA COMPLIANT PRODUCTS RECOMMENDED FOR NORTH AMERICA

PRODUCT NAME   ORGANICS	C.I.NAME	*LIMITATIONS	*LIMITATIONS DESCRIPTIONS
<b>DCC-1462F</b> Azo Yellow 62	PY.62	(*10)	<p><b>(*1)</b> For use only at levels not to exceed 1% by weight of polymers. Food contact conditions B - G under 176.170.</p> <p><b>(*2)</b> For use only at levels not to exceed 1% by weight of polymers. Food contact conditions B - H under 176.170.</p> <p><b>(*3)</b> For use only at levels not to exceed 1% by weight of polymers under 177.1520. Food contact conditions E - G under 176.170.</p> <p><b>(*5)</b> For use only at levels not to exceed 1% by weight of polymers. Food contact conditions C - H under 176.170, finished articles not exceeding filling temperatures of 158°F.</p> <p><b>(*10)</b> For use only at levels not to exceed 0.5 percent by weight in all types of food-contact polymers under Conditions of Use A through H under section 409(h)(2)(C) of the Federal Food, Drug, and Cosmetic Act (FFDCA) (21 U.S.C. 348(h)(2)(C))</p>
<b>2095</b> Disazo Yellow 95	PY.95	(*2)	
<b>2110, 2111</b> Isoindolinone Yellow 110	PY.110	(*2)	
<b>2338, 2538</b> Quinophthalone Yellow 138	PY.138	(*5)	
<b>2180, 2280, 7180, 7380</b> Benzimidazolone Yellow 180	PY.180	(*1)	
<b>2181</b> Benzimidazolone Yellow 181	PY.181	(*2)	
<b>2183-A, 7183, 7183XS</b> Azo Yellow 183	PY.183	(*3)	
<b>2191, 7191, 7391</b> Azo Yellow 191	PY.191	(*2)	
<b>7064, 7065</b> Azo Orange 64	PO.64	(*2)	
<b>1177</b> Anthraquinone Red 177	PR.177	(*2)	
<b>1179</b> Perylene Red 179	PR.179	(*2)	
<b>1254, 1354, 1454-LW, 7254, 7354</b> DPP Red 254	PR.254	(*2)	
<b>1219, 1319</b> Quinacridone Red Violet 19	PV.19		
<b>1419</b> Quinacridone Violet 19	PV.19		
<b>1029</b> Perylene Violet 29	PV.29	(*2)	
<b>5150, 5561</b> Phthalo Blue 15:0	PB.15:0		
<b>5051, 5251, 5651</b> Phthalo Blue 15:1	PB.15:1		
<b>5452, 8200</b> Phthalo Blue 15:2	PB.15:2		
<b>5093, 5090, 5703, 5577, 8300P</b> Phthalo Blue 15:3	PB.15:3		
<b>5154, 5454</b> Phthalo Blue 15:4	PB.15:4		
<b>3017-A, 3017-PV, 3017-M, 3327, PG-631, 3777, S-2020, DCC-4407, DCC-4427</b> Phthalo Green 7	PG.7		

**For use in polymeric food contact articles regulated under the Code of Federal Regulations, 21 CFR Part 178.3297 "Colorants for Polymers" 4.1.13**

## INORGANICS ON REVERSE SIDE



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PRODUCT NAME   INORGANICS	C.I.NAME	*LIMITATIONS	*LIMITATIONS DESCRIPTIONS
<b>1810M, 1820M, 2810M, 2820M</b> Syn Micronized Yellow Iron Oxide	PY.42		(*4) Comply with the purity requirements in 21 CFR 73.2725.
<b>1872</b> Syn High Temp Yellow Iron Oxide	PY.42		(*6)
<b>8820, 8960</b> Syn Yellow Iron Oxide	PY.42		1. In polymers used in contact with food at a level not to exceed 5% by weight of the polymer.
<b>8916</b> Transparent Yellow Iron Oxide	PY.42		2. In olefin polymers complying with 177.1520 of this chapter.
<b>TAN 221</b> Zinc Ferrite	PY.119	(*9)	3. In repeat-use rubber articles complying with 177.2600 of this chapter, total use is not to exceed 10% by weight of rubber articles.
<b>8110M, 8120NM, 8130M, 8140M, 8130BM, 8160M, 8180M</b> Syn Micronized Red Iron Oxide	PR.101		(*7) Pursuant to 21 CFR 170.39 Threshold of regulations used in food-contact articles:
<b>8110, 8130</b> Synthetic Red Iron Oxide	PR.101		1. For polymers: maximum loading rate 3% by weight of the pigment in the food contact material.
<b>8817</b> Transparent Red Iron Oxide	PR.101		2. For paper and paperboard: maximum loading rate 5% by weight of the pigment in the food contact material.
<b>UPL-A105, UPL-1130, UPL-2905, UPL-3376H, UPL-34595, UPL-AR4</b> Ultramarine Blue	PB.29	(*4)	3. For coatings: maximum loading rate 15% by weight of the pigment in the food contact material.
<b>µltraBlue® 2320, 3111, 2610, 3511, 6130, 8125, 6120, 2108, 7065, 7120, 7125, 3010</b> Ultramarine Blue	PB.29	(*4)	4. For ink formulations: maximum loading rate 30% by weight of the pigment in the food contact material.
<b>µltraBlue® UPV5, V8B2</b> Ultramarine Violet	PV.15	(*4)	(*8) For use only:
<b>301, 305, 329-A, 333, 361, 386</b> Chromium Oxide Green	PG.17	(*6)	1. In resinous and polymeric coatings complying with 175.300 of this chapter.
<b>R2041, 8086, RC-800-PG</b> Buff Titanium Dioxide	PW.6		2. Melamineformaldehyde resins in molded articles complying with 177.1460 of this chapter.
<b>8045</b> Buff Titanium Dioxide	PW.6		3. Xylene-formaldehyde resins condensed with 4,4'-isopropylidene diphenol-epichlorohydrin-epoxy resins complying with 175.380 of this chapter.
<b>8330M, 8318M</b> Syn Micronized Black Iron Oxide	PBI.11		4. Ethylene-vinyl acetate copolymers complying with 177.1350 of this chapter.
<b>8330</b> Syn Black Iron Oxide	PBI.11		5. Urea-formaldehyde resins in molded articles complying with 177.1900 of this chapter.
<b>896</b> Zinc Oxide	PW.4	(*8)	(*9) When used at a maximum level of 2% by weight of polymer.
<b>ALUMINUM PIGMENTS</b> <b>7088</b> AluPlast Aluminum Preparation, <b>7180</b> AluPlast Aluminum Pellets	PM.1		
<b>EFFECT PIGMENTS</b> <b>AG110, AG111, AG120, AG120A, AG123, AG303, AG323, AG522, AG100, AG173, AG308, AG425, AG500, AG401A, FiT-305, AG153, AG351, AG6136, AG6331, AG6351</b>	N/A	(*7)	

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