

# LIQUID CARAMEL COLOUR AND BURNT SUGAR APPLICATIONS

D.D. Williamson, the world leader in caramel colour, manufactures many colours, burnt sugars and syrup blends in addition to those listed above.



DDW Product Number	570	520	108	301	385	250	112	050
E.U. Classification	E150 a	E150 a	E150 d	E150 c	E150 c	E150 c	E150 d	E150 d
Typical Colour Intensity (610 nm)	.044	.058	.065	.109	.176	.183	.115	.243
Hue Index (typical) = Redness	7.0	6.4	5.8	5.5	5.3	5.1	4.5	4.2

Caramel colour concentration levels illustrated above are 0.1% to 0.3% diluted in water. One obtains a different appearance by changing the concentration.

BEVERAGES	LIQUID						
	050	108	112	301	385	520	570
Red Hue		▲		▲	▲	▲	▲
Yellow Hue							▲
75% Alcohol Stable							▲
60% Alcohol Stable		▲				▲	▲
50% Alcohol Stable	▲	▲	▲			▲	▲
Foaming		▲					
Soft Drinks/Syrups	▲	▲	▲			▲	
Beer & Ale Stable				▲	▲		
Malt Drinks				▲	▲		
Soy Drinks				▲			
Iced Tea		▲				▲	
Iced Coffee	▲					▲	▲
Dairy/Yoghurt	▲	▲	▲			▲	▲
Wine Coolers		▲				▲	▲
Flavours	▲	▲	▲	▲	▲	▲	▲

SAUCES, SOUPS & GRAVIES	LIQUID			
	050	301	385	520
Red Hue		▲	▲	▲
Low in Sulphites		▲	▲	
20% Salt Stable		▲	▲	
10% Salt Stable	▲	▲	▲	▲
Soy Sauce		▲	▲	▲
Fish/Oyster Sauce		▲	▲	▲
Worcestershire Sauce	▲	▲		▲
BBQ/Steak Sauce	▲	▲		▲
Baked Bean Sauce	▲			
Mustard	▲	▲		
Salad Dressings & Dips		▲		
Gravies		▲	▲	
Frozen Meals		▲	▲	
Soups & Bases	▲	▲	▲	
Marinades	▲	▲	▲	
Textured Vegetable Protein	▲	▲	▲	
Savoury Flavours	▲	▲	▲	

BAKING, DESSERTS & CONFECTIONERY	LIQUID				
	050	112	250	520	570
Red Hue			▲	▲	▲
Low in Sulphites			▲	▲	▲
Cocoa Extender	▲		▲		
Artificial Vanilla Extract	▲	▲			
Malt Breads	▲		▲		
Dark Cakes	▲		▲		
Snack Cakes	▲		▲		
Frozen/Refrigerated Dough		▲	▲		
Muffins & Bagels	▲	▲	▲		
Biscuits	▲	▲	▲		
Ice Cream Sandwich Wafers	▲		▲		
Ice Cream Cones		▲	▲		
Striped Wafer Sticks	▲		▲		
Ice Cream Frozen Novelties		▲			
Syrups/Toppings	▲	▲		▲	▲
Fruit Fillings/Spreads	▲	▲	▲	▲	▲
Jams, Jellies & Marmalades	▲	▲	▲	▲	▲
Cinnamon Rolls		▲			
Frostings	▲		▲	▲	▲
Brown Sugar			▲		
Black Liquorice	▲		▲		
(Boiled) Hard Candy	▲	▲	▲	▲	▲

MEAT, FISH & POULTRY	LIQUID		
	050	301	250
Red Hue		▲	▲
Canned Meat		▲	▲
Meat Pie Fillings		▲	▲
Cooked Meatballs		▲	▲
Cooked Poultry & Fish		▲	
Cooked Sausage	▲		▲
Pâté	▲	▲	▲
Vegetarian Burgers	▲	▲	▲
Meat Analogues	▲	▲	▲

## SPECIALTY LIQUID PRODUCTS (No E Numbers)

BURNT SUGAR	
720 (Organic Compliant in the E.U.)	
776	
777	
778	
785	
788	
NATURAL FLAVOURING	
801 Caramelised Onion	
810 Caramelised Apple	
830 Caramelised Sugar	

PET FOODS	LIQUID			
	050	301	250	520
Red Hue		▲	▲	
Batch Consistency	▲	▲	▲	
Extruded/Dry	▲		▲	
Canned/Wet	▲	▲	▲	
Semi Moist		▲		
Gravy	▲	▲		
Treats/Snacks	▲			▲
Synthetic Colour Replacer	▲	▲	▲	
Vitamin Supplements	▲			

CEREALS & SNACKS	LIQUID			
	050	108	301	570
Red Hue		▲	▲	▲
Breakfast Cereals			▲	▲
Nutrition/Energy Bars	▲			
Rice Cakes	▲	▲		▲
Caramel Popcorn	▲	▲		▲
Yeast Extract Spread	▲			
Extruded Snacks			▲	▲

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October 2011 Manufacturing in USA • United Kingdom • Ireland • Swaziland • Brazil • China

**More** ➔

[www.caramel.com](http://www.caramel.com)

Caramel colour powder, a shelf-stable and easy-to-use ingredient, enhances the visual appeal of European dry mixes and other convenience foods.



## BEVERAGES

Powdered Soft Drinks  
Fruit Drink Mix  
Instant Chocolate Milk  
Hot Cocoa Mix  
Iced Tea Mix  
Instant Coffee Extender  
Cappuccino Mix  
Nutritional/Protein Drink Mix  
Flavours



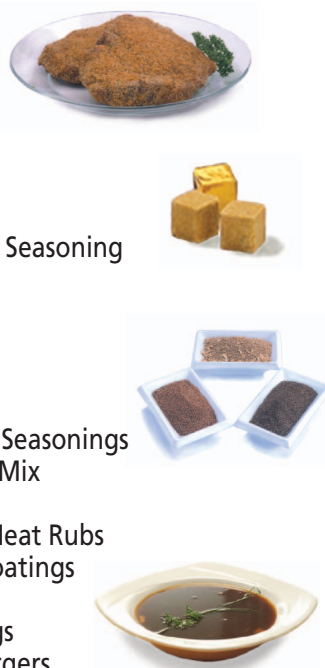
## BAKING & DESSERTS

Malt Bread  
Frozen/Refrigerated Dough  
Croutons or Stuffing  
Muffin Mix  
Cocoa Extender  
Snack Cakes  
Chocolate Cake Mix  
Biscuits  
Ice Cream Sandwich Wafers  
Instant Puddings/Pie Fillings  
Sandwich Biscuit Fillings



## SAVOURY

Sauces  
Gravies  
Stews  
Soya Minces  
Soups  
Instant Noodle Seasoning  
Bouillon  
Beef Cubes  
Chicken Cubes  
Turkey Cubes  
Fish Cubes  
Spice Blends & Seasonings  
Seasoned Rice Mix  
Stir-Fry Mix  
Marinades & Meat Rubs  
Breadings & Coatings  
Fish Batter  
Sausage Casings  
Vegetarian Burgers  
Meat Analogues  
Textured Vegetable Protein (TVP)  
Hydrolyzed Vegetable Protein (HVP)  
Flavours



## PET FOODS

Dry/Extruded Kibbles  
Synthetic Colour Replacer  
Treats & Snacks



## MISCELLANEOUS

Vitamin Tablets/Pharmaceuticals  
Cosmetics  
Marker for Denatured Eggs



## DDW Powders\* Manufactured in Europe

DDW Product	690	626	642	607
E.U. Classification	Burnt Sugar	E150a or "Plain"	E150c	E150d
Typical Colour Intensity (610 nm)	.061	.055	.190	.455
EBC** Units (typical)	22,000	20,000	50,000	82,000
Hue Index (typical) = Redness	5.6	6.8	5.1	4.2
pH (20% solution)	3.0	4.5	4.5	2.8
Colloidal Charge	Negative	Negative	Positive	Negative
ITCA*** Class	Flavouring	One	Three	Four
Non-GM	Yes	Yes	Yes	Yes

\* DDW manufactures additional powdered products, available upon request.  
\*\*European Brewing Convention \*\*\* International Technical Caramel Association

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