

PROPERTIES	E100 Duranat Curcumin WSP	E120 Duranat Carmines WSP 52%	E141 Duranat Cu Chlorophyllin WSP	E150d Caramel PWS	E160a Duranat Beta Carotene WSP	E160b Duranat Annatto WSP	E162 Duranat Red Beet WSP	E163 Duranat Anthocyanin WSP
Form	Powder	Powder	Powder	Powder	Powder	Powder	Powder	Powder
Colour Source	Tumeric root	Coccus Cacti	Green Plants	Sugar	Nature Identical	Bixa Orellana	Red Beet	Red Fruit & Vegetables
Major Pigment	Curcumin	Carminic Acid	Copper Phaeophytin	Caramel	Beta Carotene	Bixin norbixin	Betanin	Anthocyanins
Stability Light	Fair	Good	Good	Good	Fair	Fair	Poor	Good
Stability Heat	Good	Good	Very Good	Good	Good	Good	Very Poor	Good
Stability pH	Fair	Stable in Acid	Good	Good	Good	Fair	Stable pH 3.5	Good in Acid
Solubility	Water Soluble	Water Soluble	Water Soluble	Water Soluble	Water Soluble	Water Soluble	Water Soluble	Water Soluble
APPLICATIONS								
Food Colour Group (EU 1333/2008)	Group III	Group III	Group II	Group II	Group II	Specified	Group II	Group II
Processed Cheese (01.7)	10	0.2				1.5		
Ice Cream (03)	15	0.3				2		
Jams (04.2.5.2)		0.2				0		
Confectionery (0.5.2)	30	0.6				0		
Icings (05.4)	50	1				2		
Baked Goods (07.2)	15	0.3				1		
Smoked Fish (09.2)	10	0.2				1		
Sauces (12.6)	50	1				0		
Soft Drinks (14.1.4)	10	0.2				0		
Alcoholic Beverages (spirits 14.2.6)	20	0.4				1		
Snack Foods (15)	10	0.2				2		
Dairy Desserts (16)	15	0.3				1		