



A Division of the Kumba Group

Clementine Mandarin

Class Two	Physical Product Specifications
18kg Min Weight	
Colour	Light to deep orange skin. 5% tolerance for green tinge.
Appearance	Bright bloom, waxed skin, medium to coarse skin. May have puffy skin.
Eating Quality	Acidic, Sweet, Juicy
Maturity	Juice content greater than or equal to 33%
Brix	Brix greater than or equal to 10.0
Brix / Acid Ratio	Soluble solids to acid ratio: > 10:1
Size	Medium: 60-69mm
	Large: 70-79mm
	10% tolerance of +/- 2mm
Shape	Round to slightly squat
Defects	Minor Defects: must not exceed 10% of the pack.
	Major Defects must not exceed 2% of the pack
	Minor Defects
	Minor defects do not affect shelf life. These include:
	Light skin blemish greater than 1cm ² but less than 4cm ²)
	Deep skin blemish greater than 1cm ² but less than 4cm ² .
	sunken in depth greater than 1mm
	Dark skin blemish greater than 1cm ² but less than 2cm ²)
	Scale blemish remains of more than 10 scale
	Stem end blemish -Halo
	Albedo breakdown if more than 1/2 of the surface of the fruit is affected
	Oleocellosis greater than 1cm but less than 3cm ²
	Sunburn less than 1/2 of the fruit is affected
	Undersize (which exceeds tolerance previously defined)
	Colour
	Texture untypical coarse rind
	Sooty Mould greater than 1cm ² but less than 3cm ²
	Major Defects
	Major defects do affect shelf life. These include:
	Deep skin blemish greater than 4cm ² and sunken in depth
	Dark skin blemish greater than 4cm ²
	Albedo Breakdown if more than 3/4 of the surface of the fruit is affected
	Oleocellosis greater than 3cm ²
	Sunburn more than 1/2 of the fruit is affected
	Unhealed Splits and cuts
	Chilling Damage (external)
	Internal dryness
	Shrivel/Dehydration
	Holes (where flesh is damaged)
	Deep/Heavy rind damage
Presentation	No foreign objects or soil
Outer Packaging	Cardboard carton
Pulp Temperature	1 - 12c