

8. <i>Aspidosperma cruentum</i> Woodson	- kromantikopi
8a. <i>Aspidosperma album</i> (Vahl) Benoist & Pichon	- parelhout, gele bast
8b. <i>Aspidosperma helstonei</i> van Donselaar	
8c. <i>Aspidosperma excelsum</i> Benth.	- parelhout, zwarte bast
8d. <i>Aspidosperma megalocarpum</i> Massart	- kromantikopi, kleinbladig

Family : Apocynaceae

Vernacular names

Suriname	: Kumantikopi / Kabokhalibali
Guyana	: Shibadan
French Guiana	: Bois macaye / Kiantioutiou
Brazil	: Araracanga / Maparana / Jacamim
Venezuela	: Canaleta amarillo
Columbia	: Copachi

International trade name : Araracanga (8), Shibadan (8a)

Occurrence : Suriname, Guianas, Brazil, Venezuela, Columbia, Mexico

Tree description

Bole length	: bole 15 - 20 m; tree height 25 - 35 m
Diameter	: 0.50 - 0.80 m
Log shape	: cylindrical or slightly flattened: tree base unbuttressed or light swollen

Wood description

Sapwood	: distinct, light yellow
Heartwood	: orange red to reddish brown; upon exposure pinkish brown or pale yellowish brown
Grain	: straight, sometimes irregular or roey
Texture	: rather fine to medium

Technological characteristics

Physical properties (8, 8a)

		<i>A. cruentum</i>	<i>A. album</i>
Green density	(g/cm ³):	1.06	1.03
Air dry density at 12% MC	(g/cm ³):	0.95	0.90
Total tangential shrinkage	(%) :	9.7	9.6
Total radial shrinkage	(%) :	6.8	6.0
Total volumetric shrinkage	(%) :	18.8	17.6

Mechanical properties (8, 8a)

		<i>A. cruentum</i>	<i>A. album</i>
Bending strength at 12% MC	(N/mm ²):	175	176
Modulus of elasticity (MOE) at 12% MC	(N/mm ²):	24820	19580

Crushing strength at 12% MC	(N/mm ²):	89	92
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Processing

Sawing	: moderately difficult, some power required; blunting effect: slight
Drying	: easy to air season; risk of distortion and checking: slight US kiln schedule T7 - B3 for 25-38 mm stock
Machining	: easy
Gluing	: good
Nailing	: pre-boring necessary
Finishing	: good
Veneering	: slices well

Natural durability

Decay fungi	: good to very good
Termites	: moderate
Marine borers	: poor

Treatability (heartwood) : poor to moderate

End uses : interior and exterior joinery, flooring, furniture, general carpentry, turnery, carving.



Log shape

Kromantiekopi – *Aspidosperma cruentum* Woodson