

Advantages of AMBIPOLY®

	Others		AMBIPOLY
Material	Material	Non-symphonic material (PE, PP, ABS...)	Symphonic Material (AMBIPOLYMER)
	Sound Character	Uneven sound quality in different registers	Even and good sound quality, in all registers like cane reeds
Harmonics/ Projection	Symptom	Sounds good when you hear from very short distance but sound quality quickly drops when distance increased.	Strong projection with full harmonics in all registers
	Reason	No plastics are made for symphonic application. Plastics does not generate enough harmonics in all register.	
Reliability	Symptom	Pitch easily changes as temperature, altitude and moisture changes.	No pitch change caused by temperature, altitude and climate variation
	Reason	All plastics are weak and vulnerable.	
Consistency	Symptom	Each reed is different. Need to select a right one.	Every reed is consistent due to precision molding process.
	Reason	Made by CNC with inevitable machining tolerance.	
Deformation	Symptom	Micro crack and potentially very harmful micro hairs.	No deformation at all
	Reason	Structural damage and stress built by manufacturing process.	
Adjustment	Symptom	Hard to adjust or modify for personal preferences.	-Fully adjustable with reed knife or any reed tool -Clip-able
	Reason	General character of plastic.	
Sound			-Absorbing moisture harmonies frequencies and harmonics like good cane reeds -Moisture does not dry out for few hours.
Pairing			Self-aligned according to different mouthpiece shape and individual embouchure