

# Advantages of AMBIPOLY®

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