

Technical Information:

	Properties	Polyolefin (G5)	Unit	Test Method
Physical	Color	Black	Visual	--
	Finish	Smooth	Visual	--
	Thickness	0.15~0.80	mm	ASTM D374
	Heat Shock (No cracking)	Pass	--	ASTM D2671
	Cold Bend (-55°C, 4hrs.)	Pass	--	ASTM D2671
	Operating Temperature	-55~+125	°C	--
	Copper Corrosion	Pass	--	ASTM D2671
Mechanical	Tensile Strength	≥ 14.0	MPa min.	ASTM D412
	Tensile Strength after aging (Heat aging 158°C, 168hrs)	≥ 90	%	ASTM D638
	Elongation	≥ 400	%	ASTM D412
	Elongation after aging (Heat aging 158°C, 168hrs)	≥ 300	%	ASTM D638
Electrical	Voltage Withstand & Breakdown (60sec)	2500V, No Breakdown	V/mm	UL 224
	Dielectric strength	2500	V/mm	ASTM D2671
	Volume resistance	$\geq 10^{14}$	$\Omega \cdot \text{cm}$	ASTM D257
Regulatory	Flammability Rating	VW-1	--	UL224
	RoHS Compliant	Yes	--	Lab. Certification

- * The data / specification only apply to GENERAL POLYOLEFIN tubing material. Other information on different materials is available upon request.
- * The above testing results comes from laboratory report, information are for your reference only.