

TECHNICAL CONSTRUCTION FILE

5.RAW MATERIALS

For Irrigation Tip End Open Type

●Revision History

Revision No	Revision Date	Contents	Remark
0	Dec 20, 2019	Establishment	

Division	Department	Name	Date	Signature
Prepared By	RA	Jimin, Lee	Dec 20, 2019	
Reviewed By	RA	Seung Geun, Lee	Dec 20, 2019	
Approved By	QMR	Kab Sun, Lee	Dec 20, 2019	

	Technical Construction File Irrigation Tip End Open Type	File No.	TF-C1-01_5
		Rev. No.	0
	5. Raw Materials	Rev. Date	Dec 20, 2019
		Page	1/1

5.1 Raw materials

No.	Part Name	Material	% of component	Standard (Cas No.)	Contact point
1	Needle tubing(Cannula)	Stainless Steel (STS304)	100	ISO 15510	Non-contact
2	HUB	Polypropylene (P.P)	See below table #1	H551	Non-contact
		Color of Hub		See below table #1	Non-contact
3	Epoxy bond	Polymer Resin	100	FD15L	Non-contact

5.1 Table #1

GAUGE	Color of Hub	Component	Standard	% of component
18G	Pink	Polypropylene (P.P)	H551	98.4
		Titanium Dioxide	CAS NO 13463-67-7	0.1
		C.I Pigment red	CAS NO 7023-61-2	1.5

GAUGE	Color of Hub	Component	Standard	% of component
19G	Cream	Polypropylene (P.P)	H551	99.82
		C.I Pigment yellow 83	CAS NO 5567-15-7	0.08
		Titanium Dioxide	CAS NO 13463-67-7	0.1

GAUGE	Color of Hub	Component	Standard	% of component
20G	Yellow	Polypropylene (P.P)	H551	99.68
		C.I Pigment white 180	CAS NO 77804-81-0	0.32

GAUGE	Color of Hub	Component	Standard	% of component
22G	Black	Polypropylene (P.P)	H551	99.805
		C.I Pigment yellow 83	CAS NO 5567-15-7	0.075
		Copper phthalocyanine blue	CAS NO 147-14-8	0.02
		Carbon black	CAS NO 1333-86-4	0.1

GAUGE	Color of Hub	Component	Standard	% of component
25G	Orange	Polypropylene (P.P)	H551	99.6
		C.I Pigment yellow 180	CAS NO 77804-81-0	0.2
		C.I Pigment red 48/2	CAS NO 7023-61-2	0.2

GAUGE	Color of Hub	Component	Standard	% of component
27G	Medium grey	Polypropylene (P.P)	H551	99.57
		Copper phthalocyanine blue	CAS NO 147-14-8	0.38
		C.I Pigment yellow 83	CAS NO 5567-15-7	0.05