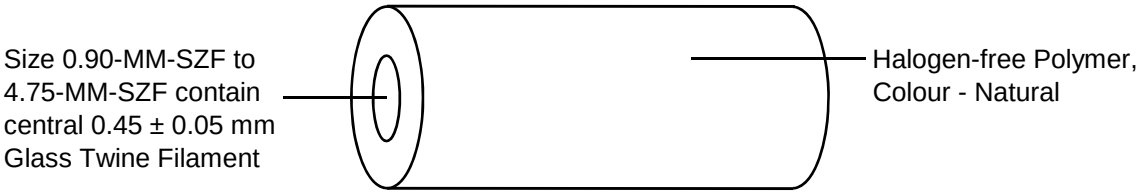
Specification Control Drawing

SOLID ZERO HALOGEN FILLERS

The complete requirements for procuring the filler described herein shall consist of this document.



Part Description	OD (mm) ± 5%	Nominal Weight (kg/km)
0.90-MM-SZF	0.90	0.96
1.00-MM-SZF	1.00	1.20
1.15-MM-SZF	1.15	1.61
1.30-MM-SZF	1.30	2.07
1.40-MM-SZF	1.40	2.41
1.55-MM-SZF	1.55	2.96
1.70-MM-SZF	1.70	3.58
1.85-MM-SZF	1.85	4.25
2.00-MM-SZF	2.00	4.97
2.15-MM-SZF	2.15	5.75
2.30-MM-SZF	2.30	6.59
2.50-MM-SZF	2.50	7.80
2.75-MM-SZF	2.75	9.45
3.00-MM-SZF	3.00	11.26
3.25-MM-SZF	3.25	13.22
3.50-MM-SZF	3.50	15.34
3.75-MM-SZF	3.75	17.62
4.00-MM-SZF	4.00	20.05
4.25-MM-SZF	4.25	22.64
4.50-MM-SZF	4.50	25.39
4.75-MM-SZF	4.75	28.30
5.00-MM-SZF	5.00	31.42
5.25-MM-SZF	5.25	34.64
5.75-MM-SZF	5.75	41.55
6.25-MM-SZF	6.25	49.09
6.75-MM-SZF	6.75	57.26
7.25-MM-SZF	7.25	66.05

NOTE: Size 0.90-MM-SZF to 4.75-MM-SZF contain central 0.45 ± 0.05 mm glass twine filament.

APPROVAL: Electronic sign off - no signatures will appear.

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PERFORMANCE REQUIREMENTS:

PROPERTY	METHOD	REQUIREMENT	TEST FREQUENCY
Tensile Strength: Size 5.00-MM-SZF to 7.25-MM-SZF only	IEC-60811-501, 250 mm/ min crosshead speed	10 N/mm² minimum	Batch
Elongation: Size 5.00-MM-SZF to 7.25-MM-SZF only	IEC-60811-501, 250 mm/ min crosshead speed	75% minimum	Batch
Blocking:	24 hours @ 100 ± 3°C 5 turns and 3 layers in close contact on mandrel 10 times filler diameter	No Blocking	Qualification
Shrinkage: Size 5.00-MM-SZF to 7.25-MM-SZF only	4 hours @ 100 ± 3°C	2% maximum	Batch
Out of Round:	(Min. Dia./ Max. Dia. × 100	90% minimum	Qualification
Cold Bend:	4 hours @ -25 ± 3°C on mandrel 10 times filler diameter	No Cracking	Qualification
Oxygen Index:	ISO 4589-2	29 minimum	Qualification
Temperature Index:	ISO 4589-3	250 minimum	Qualification
Smoke:	Def Stan 02-711/3	20 minimum	Qualification
Halogen Acid Gas:	IEC 60754-2		Qualification
pH:		4.3 minimum	Qualification
Conductivity:		10 µS/mm maximum	Qualification
Toxicity Index:	Def Stan 02-713/3	5 maximum	Qualification

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