



## TECHNICAL DATA SHEET

Product Code No. 20 A 65

### PVC Compound for Medical Extrusion Tubes

Properties	Unit	Value
Specific Gravity	gm/cc	1.19
Hardness	Shore A	65 (± 5)
Tensile Strength	MPa	11
Elongation at Break	%	265
Thermal Stability, @ 200°C min.	minutes	10
Volatile Loss, @ 130°C for 3 hrs	%	0.6
Typical Processing Temp. Range	°C	145 - 180

- Non-toxic, Non-Migratory Medical grade PVC Compound confirming to IS, FDA, & USP for soft extrusion tubing
- Crystal Clear free from gels & fish eyes
- Free from Odour & taste
- Kink Resistance as per BS 3169 Approx. B
- Calcium Zinc Stabilized Compound
- Ingredients used in this compound are from the positive list of IS:10148-1982 and FDA approved list of chemicals and are free from heavy metals.
- Specially formulated to resist discoloration and degradation during processing.



## TECHNICAL DATA SHEET

Product Code No. 20 A 74

PVC Compound for Medical Extrusion Tubes

Properties	Unit	Value
Specific Gravity	gm/cc	1.21
Hardness	Shore A	74 ( $\pm$ 5)
Tensile Strength	MPa	13
Elongation at Break	%	240
Thermal Stability, @ 200°C min.	minutes	15
Volatile Loss, @ 130°C for 3 hrs	%	0.6
Typical Processing Temp. Range	°C	145 - 180

- Non-toxic, Non-Migratory Medical grade PVC Compound confirming to IS, FDA, & USP for Extrusion tubing
- Crystal Clear free from gels & fish eyes
- Free from Odour & taste
- Kink Resistance as per BS 3169 Approx. B
- Calcium Zinc Stabilized Compound
- Ingredients used in this compound are from the positive list of IS:10148-1982 and FDA approved list of chemicals and are free from heavy metals.
- Specially formulated to resist discoloration and degradation during processing.



## TECHNICAL DATA SHEET

### PVC Compound for Medical Extrusion Tubes

Product Code No.	Unit	Test Method	20 A 65	20 A 75	20 A 80	20 A 90
Specific Gravity	gm/cc	ASTM D 792	1.19	1.21	1.23	1.27
Hardness	Shore A	ASTM D 2240	65 (± 5)	75 (± 5)	80 (± 5)	95 (± 5)
Tensile Strength	MPa	ASTM D 638	11	13	15	19
Elongation at Break	%	ASTM D 638	265	240	240	270
Thermal Stability, @ 200°C min.	minutes	-	10	15	30	15
Volatile Loss, @ 130°C for 3 hrs	%	-	0.6	0.6	0.6	0.6
Typical Processing Temp. Range	°C	-	145 - 180	145 - 180	145 - 180	145 - 180

- Non-toxic, Non-Migratory Medical grade PVC Compound confirming to IS, FDA, & USP for Extrusion tubings
- Crystal Clear free from gels & fish eyes
- Free from Odour & taste
- Kink Resistance as per BS 3169 Appdx. B
- Calcium Zinc Stabilized Compound
- Ingredients used in this compound are from the positive list of IS:10148-1982 and FDA approved list of chemicals and are free from heavy metals.
- Specially formulated to resist discoloration and degradation during processing.