

SANKHLA INDUSTRIES

Technical Specification of PVC Compound

Grade: ST 70 FR

Description: ST 70 FR is lead stabilized transparent soft grade for extrusion and injection moulding applications. It is formulated with carefully selected PVC resins, Plasticizers, Stabilizers and other additives.

Properties	unit	Test Method	SI 3199 Specification	Typical value *
Specific gravity	-	ASTM D 729	1.21 ± 0.02	1.22
Shore hardness	"A"	ASTM D 2240	74 ± 2	75
Before Ageing				Typical value**
Tensile strength	N/mm ²	IS 10810 Part 7	12.5 (min)	17
Elongation at break	%		150 (min)	260

* Data evaluated on 25x25x4mm thick compression moulded block.

** Data evaluated on extruded sleeve of thickness between 0.8 – 1.2 mm / 1- 2 mm thick sheets.

Processing Techniques: ST 70 FR can be processed on any good PVC extruder/ injection moulding with a temperature range of 140°C - 170°C and preheating the same up to 70 ° C is recommended to avoid moisture bubbles on end products.

Package Storage & Handling: ST 70 FR pellets should be packed in airtight laminated plastic bags of 25 Kg net weight and stored in a cool & dry place away from sunlight. Use of gloves and nose mask is recommended during manual handling.

Safety: ST 70 FR does not undergo hazardous decomposition under normal storage conditions. Static charges may be generated by conveying PVC pellets and, therefore, the conveying systems should be properly grounded.

Spillage: Vacuum cleaning.

Disposal: Waste PVC pellets should be disposed in accordance with local regulations. The product is intended for industrial use only. MSDS is available on request.

Disclaimer: The above test results should be used only as a guideline. The material performance depends on different conditions of processing and fabrication. Consequently, users are advised to establish for themselves that the material is suitable for there end product requirements.

Address : Regd. Office NO 2, First Floor Race Course Road Bangalore - 560001	SANKHLA INDUSTRIES Phone : +91-80-22250975 / 22286099 Fax : +91-80-22282496	Website : www.sankhlaindustries.com E-mail : info@sankhlaindustries.com E-mail : pvccompound@airtelmail.in E-mail : pvc_compound@vsnl.com
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