



TECNICAL DATA SHEET (TDS)

SGA121/1

High Performance Soft-Semi rigid PVC Materials

Product Description:

SGA 121/1 is a combination of PVC materials that is made and formulated for wide range of applications. It's also used as Extrusion and Injection . For example used in the manufacture of Wire & Cable & Insulating compound for flat core wire ... These materials are also produced according to the request of consumers.

Option:

Custom sizes & colors available upon request.
Operating temperature is 300-350 °C
Low temperature flexibility
Mechanical strength
Low Smock

Appearance:

Granulated
Standard Packing:Laminated Polyethylene pack 25kg dust free.
Standard Color : Clear & Transparent

MECHANICAL PROPERTIES

Property	Test Method	Unite	Typical Value
Density	ASTM D 792	Gr/Cm ³ (±0.04)	1.48
Hardness A	ASTM D 2240	Shore A (±3)	80
Tensile Strength	ASTM D 638	N/mm ² ≥	12.40
Elongation at break	ASTM D 638	% ≥	335
Thermal Stability @200°C	VDE 0472	Minute	75

The typical values reported in the table have been obtained from measurements made on extruded samples or pressed plates.



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