



## TECNICAL DATA SHEET (TDS)

SGA 121

High Performance Soft-Semi rigid PVC Materials

### Product Description:

SGA 121 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 250-300 °C  
Low temperature flexibility  
Mechanical strength  
Low Smock

### Appearance:

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

### MECHANICAL PROPERTIES

| Property                 | Test Method | Unite                      | Typical Value |
|--------------------------|-------------|----------------------------|---------------|
| Density                  | ASTM D 792  | Gr/Cm <sup>3</sup> (±0.04) | 1.50          |
| Hardness A               | ASTM D 2240 | Shore A (±3)               | 86            |
| Tensile Strength         | ASTM D 638  | N/mm <sup>2</sup> ≥        | 14.90         |
| Elongation at break      | ASTM D 638  | % ≥                        | 310           |
| 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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