



TECNICAL DATA SHEET (TDS)

SGBK 1818

High Performance Soft-Semi rigid PVC Materials

Product Description:

SGBK1818 is a combination of PVC materials that is made and formulated for wide range of applications. It's also used as Extrusion and Injection molding. For example used in the manufacture of Hoses & Tubing & Medical & Flexible Molds... 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

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)	1.29
Hardness A	ASTM D 2240	Shore A (±3)	83
Tensile Strength	ASTM D 638	N/mm ² ≥	12.03
Elongation at break	ASTM D 638	% ≥	310
Thermal Stability @200°C	VDE 0472	Minute	35

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



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