

# SOLPLAST TH 7000B

Styrene Butadiene Styrene Block Copolymer

UTEKSOL d.o.o.

## Message:

Is a commercial name for thermoplastic elastomers (TPE - S) based on SBS, SEBS (styrene - butadiene - styrene; styrene - ethylene butadiene - styrene) block copolymers, gathered with mixing SBS, SEBS, ... elastomers with polyolefines such as PP, PE, EVA, ...

Resistance to acid, bases and all aqueous solutions is excellent.

Resistance to alcohol and glycols is medium good.

Resistance to aromatic hydrocarbons, fat and of oil is bad.

Resistance round series upwards loosely increases.

All "SOLPLASTS" have a good electric-volume resistance: that's more than 1012 ohm-cm.

For coloring masters are used on a polyolefine base (PE, PP, EVA).

SERIES 7000

Technical compound on SBS block copolymers base;

Different physical characteristics and optics considering purpose of use.

Work temperature between - 50 in + 60° C.

For applications with no explicit exposure to the light (UV) and higher temperatures.

7000B

Transparent injection moulded product

General Information			
Features	Acid Resistant		
	Base Resistant		
	General Purpose		
Uses	General Purpose		
Appearance	Clear/Transparent		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.890 to 0.930	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR)	50 to 90	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	35 to 80		ISO 868

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## Recommended distributors for this material

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