

SOLPLAST TH 8000A

Styrene Ethylene Butylene Styrene Block Copolymer + SBS

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 1×10^{12} ohm-cm.

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

SERIES 8000

Technical compound on SBS + SEBS block copolymers base;

Different physical characteristics and optics considering purpose of use.

Work temperature between - 50 in + 60°C, very shortly up to +80°C

For application with higher coloral stability of the product under light exposure.

Approved stability to higher temperatures at short-time loads.

8000 A

Injection moulded products

General Information			
Features	Acid Resistant		
	Base Resistant		
	Good Color Stability		
Uses	Optical Applications		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.04 to 1.16	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	10 to 20	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A)	35 to 85		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Compression Set (72°C, 23 hr)	55 to 65	%	ISO 815

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