SOLPLAST TH 8000D

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 - ethilene 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.
Resistace round series upwards loosely increases.
All "SOLPLASTS" have a good electric-volume resistance: thats more then 1012 ohm-cm.
For coloring masters are used on a polyolefine base (PE, PP, EVA).
SERIES 8000
Technical compaund on SBS block copolymers base;
Different phisical characteristics and optics considering purpose of use.
Work temperature between - 50 in + 60° C.
For aplications with no explicite exposure to the light (UV) and higher temperatures.
8000D
Injection moulding of ski-boots and tech applications

General Information			
Features	Acid Resistant		
	Base Resistant		
	Good Color Stability		
Uses	Footwear		
	Sporting Goods		
Processing Method	Injection Molding		

Physical	Nominal Value	Unit	Test Method
Density	0.940 to 0.980	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)	10 to 30	g/10 min	ISO 1133

Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	40 to 65		ISO 868

Recommended distributors for this material

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WECHAT