

# SOLPLAST TV 10000A

Styrene Ethylene Ethylene Propylene Styrene Block Copolymer

UTEKSOL d.o.o.

## Message:

Is a commercial name for thermoplastic vulkanisers (TPE - V) based on S EEP S block copolymers, mixed with PP and enmeshed to the certain degree.  
Resistance to acid, bases and all aqueous solutions is excellent.  
Resistance to alcohol and glycols is very good.  
Resistance to fat and of oil is good.  
Resistance to aromatic hydrocarbons is bad.  
All "SOLPLASTS" have a good electric-volume resistance: thats more then 1e12 ohm-cm.  
SERIES 10000  
Technical compounds based on SEEPS block copolymers  
Different phisical characteristics and optics considering purpose of use.  
Work temperature between -50 and +120°, shortly up to 150°C.  
Because of saturated chemical structure and partly enmeshed structure of elastomer are suitable for wide range of articles, where high temperature subsistence and stability to the light is required, as to the rest atmospheric impacts.  
SERIES 1000  
Transparent and half transparent (crep) compound  
Extended or company realization  
Suitable for more demanding roles

General Information			
Features	Acid Resistant		
	Alcohol Resistant		
	Base Resistant		
	High Heat Resistance		
	Light Stabilized		
Uses	Optical Applications		
Appearance	Clear/Transparent		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.930 to 1.06	g/cm <sup>3</sup>	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)	40 to 80		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Compression Set			ISO 815
72°C, 23 hr	25 to 35	%	
120°C, 23 hr	30 to 40	%	

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