

megol® TA SV/P 50

Styrene Ethylene Butylene Styrene Block Copolymer

API SpA

Message:

megol®TA SV/P 50 is a styrene-ethylene-butene-styrene block copolymer (SEBS) product. It can be processed by injection molding and is available in Europe.

General Information			
Appearance	Translucent		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.980	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	6.50	MPa	ASTM D638
100% strain	2.20	MPa	ASTM D638
300% strain	4.00	MPa	ASTM D638
Tensile Elongation (Break)	750	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ¹	27.0	kN/m	ASTM D624
Compression Set			ASTM D395
23°C, 72 hr	27	%	ASTM D395
70°C, 24 hr	70	%	ASTM D395
100°C, 24 hr	90	%	ASTM D395
Additional Information	Nominal Value		
Ozone Resistance ² (40°C)	Excellent		
Weather Resistance	Excellent		
Injection	Nominal Value	Unit	
Drying Temperature	75 - 80	°C	
Drying Time	1.5 - 2.0	hr	
Rear Temperature	170 - 190	°C	
Middle Temperature	180 - 200	°C	
Front Temperature	185 - 210	°C	
Nozzle Temperature	190 - 220	°C	
Mold Temperature	35 - 65	°C	
NOTE			
1.	With Notch		
2.	72 hr, 200 ppcm, Tension=20%		

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Recommended distributors for this material

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