

# megol® HT 70

Styrene Ethylene Butylene Styrene Block Copolymer

API SpA

## Message:

megol®HT 70 is a styrene-ethylene-butene-styrene block copolymer (SEBS) product. It can be processed by injection molding and is available in Europe. Features include:

- chemical resistance
- environmental protection/green
- Good processability
- Rapid Prototyping Cycle
- Good UV resistance

General Information			
Features	Good UV resistance		
	Recyclable materials		
	Workability, good		
	Fast molding cycle		
	Ozone resistance		
	Low temperature resistance		
	Good chemical resistance		
	alkali resistance		
	Good weather resistance		
	Heat resistance, high		
	acid resistance		
	Detergent resistance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.930	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
--	9.50	MPa	ASTM D638
100% strain	3.60	MPa	ASTM D638
300% strain	7.00	MPa	ASTM D638
Tensile Elongation (Break)	480	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength <sup>1</sup>	28.0	kN/m	ASTM D624
Compression Set			ASTM D395
23°C, 72 hr	13	%	ASTM D395
70°C, 24 hr	31	%	ASTM D395

100°C, 24 hr	48	%	ASTM D395
Additional Information	Nominal Value		
Ozone Resistance <sup>2</sup> (40°C)	Excellent		
NOTE			
1.	Without Notch		
2.	72 hr, 200 ppcm, Tension=20%		

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#### Recommended distributors for this material

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