

# megol® Flame Retardant 50

Styrene Ethylene Butylene Styrene Block Copolymer

API SpA

Message:

megol® Flame Retardant 50 is a Styrene Ethylene Butylene Styrene Block Copolymer (SEBS) product. It can be processed by injection molding and is available in Europe.

Characteristics include:

- Flame Rated
- Chemical Resistant
- Eco-Friendly/Green
- Fast Molding Cycle
- Flame Retardant

General Information			
Features	Acid Resistant		
	Base Resistant		
	Detergent Resistant		
	Fast Molding Cycle		
	Flame Retardant		
	Good Chemical Resistance		
	Good Processability		
	Good UV Resistance		
	Good Weather Resistance		
	Halogen Free		
	High Heat Resistance		
	Low Temperature Resistant		
	Ozone Resistant		
	Recyclable Material		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm³	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
--	1.60	MPa	
100% Strain	1.20	MPa	
300% Strain	1.50	MPa	
Tensile Elongation (Break)	640	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength <sup>1</sup>	16.0	kN/m	ASTM D624

Flammability	Nominal Value	Test Method
Flame Rating (1.60 mm)	V-0	UL 94
Additional Information	Nominal Value	
Ozone Resistance <sup>2</sup> (40°C)	Good	
NOTE		
1.	Without Notch	
2.	72 hr, 200 ppcm, Tension=20%	

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#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

