

megol® WR 50

Styrene Ethylene Butylene Styrene Block Copolymer

API SpA

Message:

megol® WR 50 is a Styrene Ethylene Butylene Styrene Block Copolymer (SEBS) product. It can be processed by extrusion and is available in Europe.
Characteristics include:
Chemical Resistant
Eco-Friendly/Green
Fast Molding Cycle
Food Contact Acceptable
Good Processability

General Information			
Features	Acid Resistant		
	Base Resistant		
	Detergent Resistant		
	Fast Molding Cycle		
	Food Contact Acceptable		
	Good Chemical Resistance		
	Good Processability		
	Good UV Resistance		
	Good Weather Resistance		
	High Heat Resistance		
	Low Temperature Resistant		
	Ozone Resistant		
	Recyclable Material		
Agency Ratings	RAL GZ 716/1		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	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
--	10.0	MPa	
100% Strain	1.30	MPa	
300% Strain	1.90	MPa	
Tensile Elongation (Break)	850	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ¹	25.0	kN/m	ASTM D624
Compression Set			ASTM D395

23°C, 72 hr	14	%
70°C, 24 hr	< 45	%
100°C, 24 hr	58	%
Additional Information	Nominal Value	
Ozone Resistance ² (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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