

Actymer® AE-2040S

Thermoplastic Vulcanizate

Riken Technos Corp.

Message:

Actymer®AE-2040S is a thermoplastic vulcanized rubber (TPV) product. It is available in North America or Asia Pacific.

Features include:

chemical resistance

Heat resistance

General Information			
Features	High elasticity		
	Heat resistance, high		
	Oil resistance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	0.928	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	40		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	1.20	MPa	ISO 37
Tensile Stress (Yield)	9.80	MPa	ISO 37
Tensile Elongation (Break)	820	%	ISO 37
Tear Strength	21	kN/m	ISO 34-1
Compression Set			ISO 815
70°C, 72 hr	35	%	ISO 815
120°C, 72 hr	48	%	ISO 815
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (136°C, 168 hr)	5.0	%	ISO 188
Change in Tensile Strain at Break in Air (136°C, 168 hr)	8.0	%	ISO 188
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-60.0	°C	ISO 974
Additional Information			

The values listed above are tested in accordance with JIS K test methods.Rebound Resilience: 65%

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