

Sevrene® 4000-90A

MATERIAL STATUS Commercial: Active

AVAILABILITY North America

FEATURES Block Copolymer

PHYSICAL	NOMINAL VALUE	UNIT	TEST METHOD
Density	1.09	g/cm ³	ISO 1183
ELASTOMERS	NOMINAL VALUE	UNIT	TEST METHOD
Tensile Stress ² (100% Strain)	6.30	MPa	ISO 37
Tensile Stress ² (Break)	13.6	MPa	ISO 37
Tensile Elongation ² (Break)	660	%	ISO 37
Tear Strength ³	52.4	kN/m	ISO 34-1
Compression Set ⁴ (70°C, 22 hr)	34	%	ISO 815
HARDNESS	NOMINAL VALUE	UNIT	TEST METHOD
Shore Hardness (Shore A, 15 sec)	92		ISO 868
THERMAL	NOMINAL VALUE	UNIT	TEST METHOD
Brittleness Temperature (Type B)	-50.0	°C	ISO 812
AGING	NOMINAL VALUE	UNIT	TEST METHOD
Change in Tensile Strength in Air (80°C, 1008 hr)	-5.0	%	ISO 188
Change in Tensile Strain at Break in Air 80°C, 1008 hr	-7.0	%	ISO 188
ADDITIONAL INFORMATION	NOMINAL VALUE	UNIT	TEST METHOD
Arizona Weathering - Delta E ⁵	2.18(black)		SAE J1976
Florida Weathering - Delta E ⁵	0.350(black)		SAE J1976
Fogging - 6 hrs at 85°C and 38°C	95	%	SAE J1756
Fungal Resistance	No Fungal Growth		GM 9328P
Ozone Resistance - Procedure A	Zero Rating		ISO 1431-1
UV Resistance - Delta E ⁶	0.950(black)		SAE J1885
Weatherability - Delta E ⁷	0.390(black)		SAE J1960

NOTES

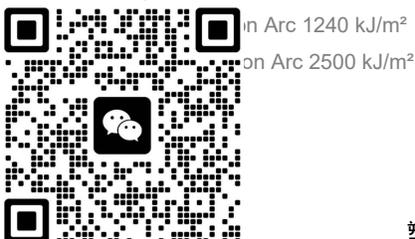
¹ Typical properties: these are not to be construed as specifications.

² Type 1

³ Method B, Angle

⁴ Type A

⁵ 2 years



in Arc 1240 kJ/m²
on Arc 2500 kJ/m²

