

DEKS POLYMER SPECIFICATIONS

POLYMER: SILICONE FLASHING (RED)

Date of issue: 06.10.10

ASTM Method	Test Description	Test Conditions	Specification
D2240	Hardness, (Shore A)	-	60 +/- 5
D412	Tensile Strength, (MPa)	Die C	8 min
D412	Ultimate Elongation (%)	Die C	400 % min
D573	Heat Resistance Change in Hardness (points) Change in Tensile Strength (%Δ) Change in ultimate Elongation(%Δ)	70 hrs @ 100 ° C	10 max 20 % max 20 % max
D624	Tear Resistance (kN/mm)	Die C	25 min
D395	Compression Set (%)	22 hrs @ 70 ° C, Method B, Type 1 specimen	20% max
D1171	Resistance to Ozone (no cracks)	72 hrs @ 40 ° C, 50 pphm ozone	No cracks
D471	Effects of Liquids (%Δ, vol)	48 hrs @ 70 ° C, distilled water	5 % max
D2137	Brittleness Point (non-brittle)	3 min @ 40 ° C	Non Brittle
G154	UV Exposure Change in Tensile Strength (%Δ) Change in ultimate Elongation(%Δ)	UV-B, cycle 2, 2000 hrs	50 % max 50 % max

Other Method	Test Description	Test Conditions	Specification
UL 94	Flame Resistance	HB	Pass