Viscosity (P)
PG grade viscosities may vary for asphalts with unusually high or low temperature susceptibilities

Competitive Modifiers
- Elastomers
  - SBS
  - SBR
  - Stylink®
- Plastics
  - EVA
  - Elvaloy®
  - Polyethylene
- Chemical Modifiers
  - Gelled asphalt
  - Blown asphalt
  - Acid Modified
- Other
  - Ground Tire Rubber

¹ Stylink is a trademark of SEMMATERIALS, L.P.
² Elvaloy is a trademark of E.I. DuPont de Nemours & Company
Kraton Products Line

- D1101K: Linear - all-purpose, easy to mix without crosslinking
- D1164K: Large radial - more efficient
- D4135K: Highly oil radial - combines efficiency and compatibility
- D1116K: Low styrene radial
- D1118K: Low coupled linear - combined with others for adhesive applications
- G1650: Small SEBS - high stability for MBUR applications
- G1654: Larger SEBS - more efficient, but less compatible
- D3158: D4158 compounded with carbon black for extreme compatibility
- MD233: Specifically designed for self-adhesive applications

Process Configuration

Asphalt
Product
Additives
Polymer
Blending Polymer
Low Shear/In Tank Mixing
High Shear Mill
High Shear In-Line Mixing
Product

4 wt% SBS in Different Asphalts

- Boscan
- Deer Park ACS
- Martinez AR1000

All are 5000X
General Information

- Maximum heating temperature is 400F
- Most polymers will start to break down over 400F
- If the material is not going to be used then reduce heat
- The polymer must be listed on the MSDS for the product.