Honeywell Titan™

Polymers for Asphalt Modification

Honeywell

Asphalt Paving: Better Roads

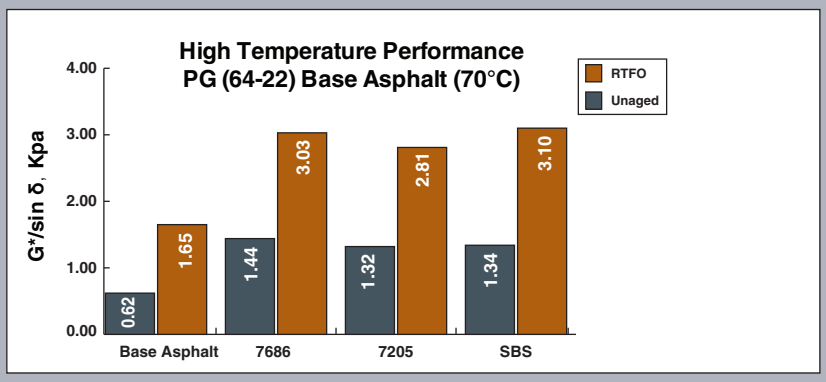
Honeywell Titan™ polymers for asphalt modification save formulators and pavers time and money. Our line of polymers offers:

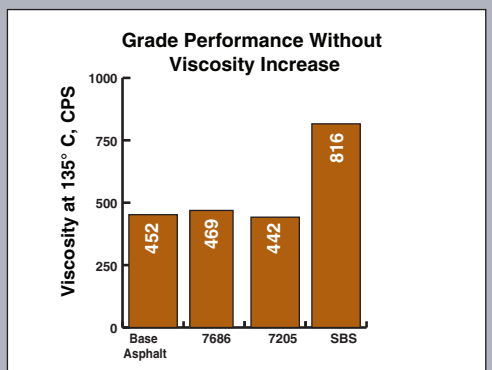
Grade-bumping at lower mixing temperatures. Choose Honeywell's line of polymers to boost asphalt performance without increasing blending, mixing or placement temperatures common with other grade bumping products. Our polyolefins are readily dispersed in asphalt at 150°C (302°F) with low shear (low energy), eliminating the need for costly mills and high-temperature mixing. Dispersion is typically complete within 60 minutes. Users also achieve the grade-bump without affecting the intermediate or low-temperature properties of the asphalt.

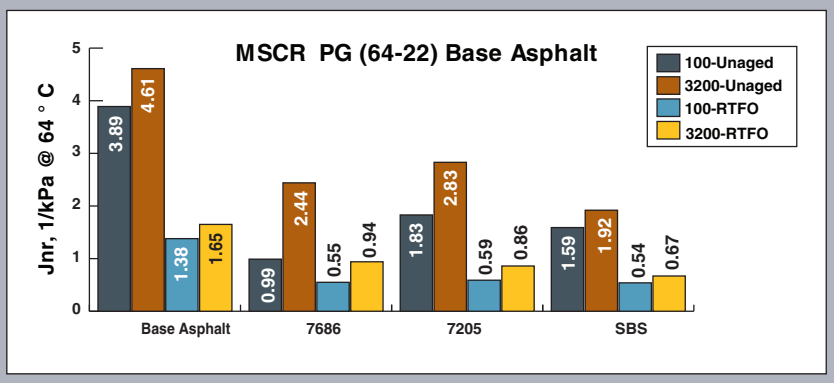
Low viscosity; high stability. Asphalt modified with Honeywell Titan polymers retains its low viscosity and can be compacted at lower temperatures than asphalt modified with alternative products. Tests have shown that these asphalt mixtures remain stable when stored for extended periods – even when mixed with SBS – and do not experience grade loss or separation.

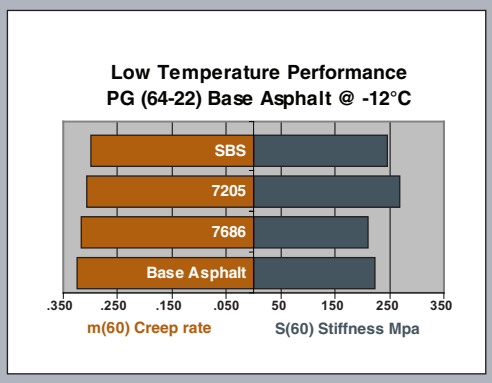
Ready-to-use in your application. Honeywell Titan polymers are compatible with a wide range of asphalts. They also can be readily mixed with SBS and SBS-cross-linked formulations to provide elastic recovery-type properties.

The high quality you can expect from Honeywell. Our unique polymers have low viscosities above their melting point, have high heat resistance and are available in a variety of product forms and packaging. And our complete line of polymers is backed by a dedicated team of commercial and technical experts to support you and the industry. Our specialty additives are globally recognized, respected and acknowledged as the standard in a wide range of industries, including plastics, adhesives and coatings. As the world's first commercial manufacturer of low molecular weight polyolefins and functionalized olefinic polymers, Honeywell has been the industry leader for more than 50 years. These commitments make Honeywell responsive, flexible, reliable and innovative in the delivery of solutions to meet your needs.









NOTE: All additives at 2% by weight in PG (64-22). SBS not crosslinked.

Honeywell Specialty Additives
101 Columbia Rd.
Morristown, NJ 07962
Technical Assistance: (973) 455-5382
Customer Service: (973) 455-2145
www.honeywell-titan.com

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Our commitment to sustainability

Honeywell