

FUNCTIONAL V-206 POLYMER FOR GREASES (IN PELLET FORM)

APPLICATION:

FUNCTIONAL V-206 is granulated polymer, specifically designed for use in greases. Unlike pre-dissolved polymers, the absence of diluent oil permits complete formulating flexibility. Greases made with **FUNCTIONAL V-206** have better mechanical stability than those using polymers designed specifically for motor oil. **FUNCTIONAL V-206** may also be used in motor oil and aftermarket applications.

COMPOSITION:

FUNCTIONAL V-206 is an olefin copolymer, derived from ethylene and propylene. It is chemically different from motor oil V.I. improver polymers in its monomer content and physically distinguished by its easier to handle pellet form.

Typical Properties	
Appearance	Clear to white pellets
Specific Gravity	0.87
Thickening Efficiency (1.0% in 150 SUS paraffinic base oil)	11.1 cSt @ 100°C

TREATMENT LEVEL:

Typical treatment levels of 1.0 – 2.0% are used in greases to confer water resistance and mechanical stability.

HANDLING:

FUNCTIONAL V-206 is resistant to caking and no particular precautions are needed in storage. Long-term storage at warm temperature may, however, necessitate regrinding. **FUNCTIONAL V-206** is non-hazardous material; see the current MSDS. Dissolving is best accomplished with continuous agitation at temperatures of at least 200°F (95°C).

This Technical Data Sheet and the Material Safety Data Sheet contain information believed to be accurate and reliable. No warranty is made, however, to information beyond the control of FUNCTIONAL PRODUCTS INC. The engineering and management personnel of the user are responsible for determining the suitability of this or any product for any specific application, and this information is offered to them for that purpose.

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