

## Petadd VM-35(A)

### Viscosity Modifier

#### Description

Petadd VM-35(A) is a low molecular weight propylene/ethylene co-polymer, providing viscosity modification for lubricating oils. It offers good thickening power, and good shear stability; furthermore, Petadd VM-35(A) has good resistance to temperature extremes.

#### Application

- Viscosity modifier for oils; good compatibility with other lubricating additives, enabling its use in a variety of formulations and applications.
- The bale should be shredded into small pieces before being dissolved.
- Dissolve 8-to-12% of the VM in a suitable base oil (e.g. SN150), under high agitation for 4-to-8 hours, at 100-120°C until fully dissolved.
- For initial screening purposes, the recommended treat rate is 1.0-1.2% of the VM in the finished lubricant. Use with a suitable PPD to achieve lowest pour points.

#### Typical Properties

Property	Typical
Ethylene (%m)	50
Shear Stability Index	35
Relative Density	0.87
Kinematic Viscosity (1% in SN150 @ 100°C, cSt)	11.8
Kinematic Viscosity (5% in SN150 @ 100°C, cSt)	480
Kinematic Viscosity (10% in SN150 @ 100°C, cSt)	2300

#### Storage and Handling

Petadd VM-35(A) should be stored in a well ventilated, dry area, and out of direct sunlight. Consult the SDS for further information.

*The information contained within this publication is based on the present state of our knowledge. Any recommendations or conclusions are made without liability on our part. Values shown are typical and should not be construed as specification limits.*