

Petadd VM-S12(A)

Amorphous Styrene Block Copolymer

Description

Petadd VM-S12(A) is a multi-arm block copolymer obtained by hydrogenation of branched styrene-butadiene-styrene block copolymer. It acts as both a VI improver and an oil viscosity thickener for high quality lubricants. It contains a non-staining, TNPP free antioxidant system.

Application

- Use a viscosity modifier and oil viscosity thickener for quality lubricants.
- Provides excellent shear and oxidative stability.
- The amorphous composition means the material displays superior cold properties and helps reduce the demand for PPDs.

Typical Properties

Property	Typical	Min.	Max.	Method
Bound Styrene (%)	7	-	-	Internal
Thickening Power (1% in SN150; cSt)	4.5	-	-	Internal
SSI (1% in SN150)	12	-	-	Internal
Volatile Matter (%)	-	-	1.0	ASTM D5668
K.V. @100°C (1% in SN150, cSt)	9.72	-	-	Internal
V.I. (1% in SN150)	142	-	-	Internal
Pour Point (1% in SN150; °C)	-39	-	-	Internal

Storage and Handling

Store and handle in accordance with good chemical handling and hygiene practices. Consult the SDS for specific 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.