

VT2277

POLYMETHACRYLATE
VISCOSITY INDEX IMPROVER



DATA SHEET

PRODUCT INTRODUCTION:

VT2277 refers to polymethacrylate (PMA) viscosity index improver. It is used in the formulation of hydraulic oil (especially low-temp hydraulic oil), gear oil, shock absorber oil, transmission oil and other applications. This product provides excellent shear stability, which effectively improves the viscosity index and low temperature performance of the oil.

TECHNICAL SPECIFICATION:

| ITEM | INDEX | TYPICAL VALUE | TEST METHOD |
|-------------------------------------------------|------------------------------------|------------------------------------|-------------------|
| Appearance | Clear, transparent, no sediment | Clear, transparent, no sediment | Visual Inspection |
| Density (20°C), kg/m ³ | 850-950 | 919 | ASTM D4052 |
| Kinematic Viscosity (100°C), mm ² /s | 1100-1850 | 1360 | ASTM D445 |
| Flash Point (COC), °C | ≥180 | 210 | ASTM D92 |
| Color, number | <0.5 | <0.5 | ASTM D1500 |

PRODUCT STORAGE / HANDLING / TRANSPORTATION / PACKAGE:

- Packed in iron drums with a net weight of 170kg/drum, applicable to various modes of transportation.
- The maximum storage and transportation temperature shall not exceed 60°C in short term, and shall not exceed 45°C in long term. The shelf life is 2 years, stored in dry, clean, ventilated warehouse.
- In case of accidental contact with skin, wash it off thoroughly with water and detergents.