PRODUCT DATA SHEET FOR DANA VISCOSITY MODIFIER 181

Product Description

DANA VISCOSITY MODIFIER 181 is an olefin co-polymer (OCP) based VI improver especially made for formulating multi grade oils and industrial oils. It has moderate shear stability (up to 35) and offers good low temperature properties when combined with a pour point depressant.

CUSTOMER BENEFITS

- ✓ Balanced Shear Stability
- ✓ Excellent Low temperature properties
- ✓ Improved liquid blend properties
- ✓ Easy to use and very economical

DISSOLUTION PROCEDURE

Use 6 to 10% in Group-I /Economic Base oils for multi grade lubricants and for other industrial oils according to your viscosity levels.

TYPICAL PROPERTIES

PARAMETERS	METHOD	UNITS	TYPICAL VALUE
Appearance	VISUAL	None	Clear white pellets
Density @ 15 °C	ASTM D4052	g/cm3	0.86
KV @ 100 °C (10% in SN150)	ASTM D445	cSt	2100
Pour Point (1% in SN150+ 0.3% PPD)	ASTM D97	°C	-32
Shear Stability Index (SSI)	ASTM D6278	wt%	≤ 28
Ash Content	ASTM D1416	wt%	< 0.1
Volatile content	ASTM D4807	wt%	< 0.1

(**The features mentioned above are average values obtained with some variability in production and do not constitute a specification)

Packaging Options

Polymer is available as free flowing pellets in 25 KG high quality PE Bags. Shelf life is 36 months from the date of production at temperatures not exceeding 30 °C in dry conditions; exposure of light must be avoided.

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed.