

PRODUCT DATA SHEET

PT800 OCP Viscosity Index Improver

Description

Highly stable pellet of solid form olefin co-polymer (OCP) with narrow molecular weight distribution, intended for use as a viscosity index improver (VII) and viscosity modifier/thickener in mineral oil based automotive crank case lubricants and industrial lubricants. Its excellent low temperature properties and high thickening power make it suitable for a wide range of applications.

Typical Physical Properties

PROPERTY	VALUE*	RANGE	METHOD
Appearance	White pellets	N/A	-
Density	0.86	0.85-0.87	ASTM D1505
K. Viscosity 10% SN150/100°C (cSt)	2363	+/- 300	ASTM D445
Pour Point 1% SN150 + 0.3% PPD21(C)	-33	>-30**	ASTM 97
Shear Stability Index (SSI)	43	40-50	ASTM D6002
Ash Content (%)	<0.1	0.01-0.10	ASTM D1416
Volatiles (%)	<0.1	0.01-0.10	ASTM D1416

*Typical values do not constitute a sales specification.

** Depending upon base oil. Quoted values in Middle East Group 1

Dissolving

PT800 will be dissolved at 100°C - 120°C under high agitation in oil for 6-12 hours until all solids have been dissolved. Treat rates of 6-10% will be required depending upon viscosity grade required and base oil used. Use with suitable PPD. Consult Petrax technical department for specific recommendations.

Availability

Available in 25kg bag

Safety, Handling and Storage

Wear suitable dust mask & gloves when handling polymers. Avoid storing pellet type polymers >30°C for prolonged periods, avoid direct sunlight.

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