PT840 *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*	METHOD
Appearance	White pellets	-
Density	0.86	ASTM D1505
Polymer Type	Semi-Crystalline	-
K. Viscosity 10% SN150/100°C (cSt)	6355	ASTM D445
Pour Point 1% SN150 + 0.3% PPD21(C)	-13	ASTM 97
Shear Stability Index (SSI)	46	ASTM D6022
Ash Content (%)	<0.1	ASTM D1416
Volatiles (%)	<0.1	ASTM D1416

*Typical values do not constitute a sales specification.
** Depending upon base oil. Quoted values in Middle East Group 1

Dissolving

PT840 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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