



CHEMPOL
ADDITIVES & CHEMICAL SPECIALITY

CHEMPOL P20 *Viscosity Index Improver*

Description

A solid, pellet form, highly stable olefin co-polymer with narrow molecular weight distribution, intended for use as viscosity index improver (VII) in mineral oil based automotive crank case lubricants.

Typical Physical Properties

PROPERTY	VALUE	METHOD
Appearance	White pellets	-
Density	0.862	ASTM D4052
Kinematic Viscosity @ 100°C (cSt) (8% polymer dissolved in 92% SN150, wt/wt%)	1574.1	ASTM D445
Pour Point (1% solid polymer + 0.3% PPD + 98.7% SN 150, wt/wt%)	-9	ASTM 97
Shear Stability Index (SSI)	35	ASTM D6022
Ash Content (%)	<0.1	ASTM D1416
Volatiles (%)	<0.1	ASTM D1416

Dissolving

Polymers should be dissolved under high agitation in oil at 130 °C for 3 - 4 hours until all solids have been dissolved. Treat rates of 4 -10% will be required depending upon viscosity grade required and base oil used. Use with suitable PPD. Consult CHEMPOL Ltd. technical department for specific recommendations.

Availability

Available in 25kg bag, 500kg Bag & 1,000kg Jumbo 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.