ATOM CHEMICALS

P-8060

OLEFINIC CO-POLYMER (P-8060)

P-8060 is a 22 SSI non-dispersant polymer developed by suspension polymerization using a Ziegler-Natta Catalyst.

Application

P-8060 a robust OCP viscosity index improver developed to impart high shear stable performance required in stringent internal combustion engines. With narrow weight distribution and keeping amorphous polymer technology in mind, it can easily be used in manufacturing lubricants requiring extreme cold flow properties (low CFP values). With high solubility both in mineral and synthetic base oils, P-8060 have proven results to blend lubricants for various SAE Viscosity grades.

Typical Characteristics.

Characteristics	Typical Value
Physical Form	Bale/solid Rubber
Mooney Viscosity ML(1+4) 100°C	7-13
Ethylene Content wt%	47-54
Vanadium Content ppm ≤	10
Ash Content %≤	0.1
Shear Stability Index (Kurt-Orbahn) 30 cycle	22 [1]
Molecular weight Distribution	Narrow

(1) Dissolved 1% in SN-150 base oil

Storage & Handling.

Recommended maximum blending temperature is 100 - 120°C. For best results in blending, add first VI Improver and then DDI packages.

Packaging.

25 kg woven bag bale.