

## Brighton Olefin Co-Polymer (Solid)

### J0010 – Olefin Co-Polymer (Solid)

Olefin co-polymer J0010 is polymerized by ethylene and propylene. It is primarily used in blending high-grade internal combustion engine oils. The product is white transparent colloid. It is solid in normal temperature.

### Characteristics

- Excellent thickening capacity
- Excellent shear stability and thermal oxidation stability
- Improve the low temperature property of oil
- Good oil soluble

### Product Feature and Test Method

PARAMETERS	VALUE	TEST METHOD
Mooney Viscosity ML (1+4) 100 °C	8 to 13	ASTM D1646
Ethylene Content, %	48–54	ASTMD 3900-2000
Molecular Weight Distribution	Narrow	----
Volatility, %	≤1.20	ASTM D5480
Vanadium Content, ppm	≤10	ASTM D5708
Ash Content, %	≤0.10	ASTM D-482
Shearing Stability Index (SSI)	≤25	ASTM D6278

### Packing and Storage

Packing: The product is packed in polypropylene plastic bags. Each bag weights 25 kilogram. Every 42 bags are packed in a wooden box. The net weight of each wooden box is 1.05 ton.

Storage: This product is non-flammable and non-explosive. It is table under normal temperature. In transportation and storage, keep the temperature not higher than 60°C. For long-term storage the suggested temperature is lower than 50°C. The dry, clean and ventilating warehouse is recommended