

## Nye Lubricants UniFlor 8511E (853-2EP) (UF) Synthetic Oil

Category : Fluid , Lubricant , Perfluoropolyether (PFPE) , PTFE Gellant

**Material Notes:**

Information provided by Nye Lubricants.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Nye-Lubricants-UniFlor-8511E-853-2EP-UF-Synthetic-Oil.php](http://www.lookpolymers.com/polymer_Nye-Lubricants-UniFlor-8511E-853-2EP-UF-Synthetic-Oil.php)

| Physical Properties                  | Metric | English | Comments                                |
|--------------------------------------|--------|---------|---|
| Viscosity Measurement                | 258    | 258     | Viscosity Index of Base Oil; ASTM D2270 |
| Kinematic Viscosity at 40°C (104°F)  | 65 cSt | 65 cSt  | Base Oil; ASTM D445                     |
| Kinematic Viscosity at 100°C (212°F) | 16 cSt | 16 cSt  | Base Oil; ASTM D445                     |
| Evaporation Loss                     | 0.10 % | 0.10 %  | 24 hrs, 100C; ASTM D972                 |

| Mechanical Properties      | Metric | English | Comments                      |
|----------------------------|--------|---------|-------------------------------|
| Penetration P(0), 1/10 mm  | 264    | 264     | ASTM D217                     |
| Penetration P(60), 1/10 mm | 279    | 279     | ASTM D217                     |
| Oil Separation             | 5.4 %  | 5.4 %   | 24 hrs, 100C; FTM 719B, 321.2 |

| Thermal Properties               | Metric   | English  | Comments           |
|----------------------------------|----------|----------|--------------------|
| Maximum Service Temperature, Air | 225 °C   | 437 °F   | Recommended        |
| Minimum Service Temperature, Air | -50.0 °C | -58.0 °F | Recommended        |
| Pour Point                       | -54.0 °C | -65.2 °F | Base Oil; ASTM D97 |

| Descriptive Properties | Value      | Comments |
|------------------------|------------|----------|
| Base Fluid Type        | PFPE(blnd) |          |
| Gellant Type           | PTFE       |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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