

**Technical information****NATURAL OIL POLYOL**  
**NOP 150**

Natural Oil Polyol is typically used as a co-polyol in flexible foams and C.A.S.E. polyurethane applications. The level of NOP 150 is normally between 10 and 50% within the polyol mixture. The great advantage is the low viscosity of this polyol. NOP 150 acts as an environmentally friendly alternative to conventional polyether/polyester polyols. The level of NOP within the polyol component is dependent on the formulation and therefore end users should carry out their own assessment of the viability of incorporating NOP within their polyurethane foam systems.

**Typical Properties of Natural Oil Polyol**

|                           |                                                      |
|---------------------------|------------------------------------------------------|
| <b>Appearance</b>         | <b>Clear Straw to Dark Amber Liquid</b>              |
| <b>Molecular Weight</b>   | <b>810 g/ mol</b>                                    |
| <b>Water Content</b>      | <b>&lt; 0.5 %</b>                                    |
| <b>Viscosity at 25 °C</b> | <b>100- 180 mPa.s</b>                                |
| <b>Specific Gravity</b>   | <b>0.97 <sup>+</sup> / - 0.015 g.cm<sup>-3</sup></b> |
| <b>Hydroxyl Value</b>     | <b>140- 190 mg KOH/ g</b>                            |
| <b>Flash Point</b>        | <b>205 °C</b>                                        |
| <b>Chlorine content</b>   | <b>&lt; 0.3 %</b>                                    |

**Please note:**

Whilst every effort is made to ensure its accuracy, the data held on this sheet is meant for informational purposes only. See Safety Data sheet for safe-handling information.