

# ONYX 7951

## Polyisobutylene Succinimide Dispersant

### DESCRIPTION

ONYX 7951 is a Mono Polyisobutylene Succinimide ashless dispersant prepared from highly reactive polyisobutylene. It has excellent low temperature detergency capability and good soot dispersancy capabilities. It is widely used in formulating high-grade internal combustion engine oils. It doesn't contain chlorine and has preferable compatibility with detergent, antioxidant and corrosion inhibitor additives.

### PHYSICAL / CHEMICAL CHARACTERISTICS

Parameters	Test Methods	Specifications	Typical Values
Viscosity@ 100°C, cSt	ASTM D445	-	TBR
BN, mgKOH/g	ASTM D2896	min 30	40
Flash Point, °C	ASTM D92	≥180	200

### GENERAL HANDLING INSTRUCTIONS

Neoprene or nitrile rubber gloves and safety goggles should be worn for handling. Maximum handling temperature is 60°C. Material safety data sheet should be consulted for specific information and for information on health and safety.

**Temperature Recommendations**

<b>Unloading:</b>	<b>Temperature</b>	
Pumping temperature	60°C	140°F
Maximum temperature	60°C	140°F
<b>Storage:</b>		
Maximum temperature for long term storage	45°C	113°F
<b>Blending:</b>		
Max. Base oil temperature for mechanical or in-line mixing	60°C	140°F

**Equipment Recommendations**

Type of Pump	Positive Displacement
Type of transfer line	Ball lunched, Insulated, Steam Traced Using 107°C/225F Steam Max.
Transfer Line Size	2-3inch/5-8cm.

**Heat Source**

Type	Steam 107°C/225°F max.
Storage Tank	Suction Heater Recommended

**NOTE**

If you require further information, please contact your regional Onyx representative.