

ONYX 7961

Polyisobutylene Succinimide Dispersant

DESCRIPTION

ONYX 7961 is a high molecular weight polyisobutylene succinimide ashless dispersant prepared from highly reactive polyisobutylene, with better detergency capability than low molecular weight ashless dispersant and good solubility and high temperature stability. It inhibits the generation of carbon deposits and can be widely used to formulate high-grade internal combustion engine oils. It doesn't contain chlorine and has preferable compatibility with detergent, antioxidant and corrosion inhibitors.

PHYSICAL / CHEMICAL CHARACTERISTICS

Parameters	Test Methods	Specifications	Typical Values
Viscosity@ 100°C, cSt	ASTM D445	-	TBR
BN, mgKOH/g	ASTM D2896	20-30	20
Flash Point, °C	ASTM D92	≥200	TBR

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

Unloading:	Temperature	
Pumping temperature	60°C	140°F
Maximum temperature	60°C	140°F
Storage:		
Maximum temperature for long term storage	45°C	113°F
Blending:		
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.