

KVIS - 200

KPL's Polyisobutylene is synthetic hydrocarbon polymers available in a wide range of viscosities. KPL's Polyisobutylene is technologically advanced and adhere to global standards of quality. Our product is viscous, non-toxic and inert polymer and it has the ability to increase tackiness

Product Description :

KVIS 200 is the trade name of Kothari's polyisobutylene with molecular weight ranging from 2300 to 2500. KVIS 200 possesses high shear stability and oxidative stability, which makes it the most suitable grade for specialty lubricants and grease.

Applications:

Kvis-200 grade can be used for wide range of applications such as:

- ✓ Industrial Greases/ Gear Oils/ Bright Stock Replacement
- ✓ Metal Working fluids
- ✓ PIB Masterbatch for Stretch films and Cling Wraps
- ✓ Rodent Trap Glues
- ✓ Adhesives and sealants
- ✓ Tyre Segment in Puncture relief applications.

Typical Values:

Properties	Test Method	Units	Values
Appearance	Visual	-	Clear & Viscous Liquid
Molecular Weight	GPC	Number Average	2400±100
Colour (Max)	ASTM D-1209	APHA	40
Viscosity @ 100° C	ASTM D-445	cSt	4500±250
Specific gravity @ 15° C	ASTM D-1298	-	0.91-0.93
Flash Point (Min)	ASTM D-92	° C	250
Pour Point	ASTM D-97	° C	18
Acid Number (Max)	ASTM D-974	mg KOH/g	0.02
Bromine Number (Typ)	ASTM D-97	g Br ₂ /100g	6
Viscosity Index	ASTM D-2270	-	250
Water Content (Max)	ASTM D-6304	ppm	40

Shelf life:

Shelf-life period of PIB in unopened and intact container is 12 months as per the following storage conditions.

Storage:

- Store in cool, dry location, away from sunlight, sources of intense heat.
- Store in a rust & moisture free Tank/Container with nitrogen positive pressure to avoid oxygen ingress.
- For detailed data, please refer our SDS.