

KVIS - 100

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 100 is the trade name of Kothari's polyisobutylene with molecular weight ranging from 1600 to 1800. Commonly used as a viscosity index improver in engine oil additives and grease, and in high molecular weight PIBSA manufacturing.

Applications:

- ✓Kvis-100 is used in the manufacturing of dispersant, which finds their use in the manufacturing of performance package additives for automotive segment.
- ✓Kvis-100 grades are also being used in the stretch film/ cling film application, as the need for tackiness is increasing in the segment.

Typical Values:

Properties	Test Method	Units	Values
Appearance	Visual	-	Clear & Viscous Liquid
Molecular Weight	GPC	Number Average	1700±100
Colour (Max)	ASTM D-1209	APHA	40
Viscosity @ 100° C	ASTM D-445	cSt	2000±100
Specific gravity @ 15° C	ASTM D-1298	-	0.90-0.92
Flash Point (Min)	ASTM D-92	° C	230
Pour Point	ASTM D-97	° C	12
Acid Number (Max)	ASTM D-974	mg KOH/g	0.02
Bromine Number (Typ)	ASTM D-97	g Br ₂ /100g	8
Viscosity Index	ASTM D-2270	-	180
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.